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ABM INDUSTRIES INC ABM
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ADOBE SYSTEMS INC	ADBE
ADTRAN INC	ADTN
ADURO BIOTECH INC	ADRO
ADVANCE AUTO PARTS INC	AAP
ADVANCED DRAINAGE SYSTEM	WMS
ADVANCED ENERGY INDS INC	AEIS
ADVANCED MICRO DEVICES	AMD
ADVAXIS INC	ADXS
ADVERUM BIOTECH INC	ADVM
ADVISORY BOARD CO	ABCO
AECOM	ACM
AEGION CORP	AEGN
AEP INDUSTRIES INC	AEPI
AERIE PHARMACEUTICALS	AERI
AEROHIVE NETWORKS INC	HIVE
AEROJET ROCKETDYNE HLDGS	AJRD
AEROVIRONMENT INC	AVAV
AES CORP	AES
AETNA INC	AET
AFFILIATED MANAGERS GRP	AMG
AFLAC INC	AFL
AG MORTGAGE INVT TR INC	MITT
AGCO CORP	AGCO
AGENUS INC	AGEN
AGILE THERAPEUTICS INC	AGRX
AGILENT TECHNOLOGIES INC	A
AGILYSYS INC	AGYS
AGIOS PHARMACEUTICALS	AGIO
AGL RESOURCES INC	GAS
AGREE REALTY CORP	ADC
AGROFRESH SOLUTIONS INC	AGFS
AIMMUNE THERAPEUTICS INC	AIMT
AIR LEASE CORP	AL
AIR METHODS CORP	AIRM
AIR PRODS & CHEMS INC	APD
AIR TRANSPORT SERVICES	ATSG
AIRCASTLE LTD	AYR
AK STEEL HOLDING CORP	AKS
AKAMAI TECHNOLOGIES	AKAM
AKEBIA THERAPEUTICS INC	AKBA
AKORN INC	AKRX
ALAMO GROUP INC	ALG
ALARM.COM HOLDINGS INC	ALRM
ALASKA AIR GROUP INC	ALK
ALBANY INTERNATIONAL	AIN
ALBANY MOLECULAR RESRCH	AMRI
ALBEMARLE CORP	ALB
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ALDER BIOPHARMACEUTICALS	ALDR
ALERE INC	ALR
ALEXANDER & BALDWIN INC	ALEX
ALEXANDERS INC	ALX
ALEXANDRIA REAL ESTATE	ARE
ALEXION PHARMACEUTICALS	ALXN
ALICO INC	ALCO
ALIGN TECHNOLOGY INC	ALGN
ALJ REGIONAL HOLDINGS	ALJJ
ALKERMES PLC	ALKS
ALLEGHANY CORP	Υ
ALLEGHENY TECHNOLOGIES	ATI
ALLEGIANCE BANCSHARES	ABTX
ALLEGIANT TRAVEL CO	ALGT
ALLEGION PLC	ALLE
ALLERGAN PLC	AGN
ALLETE INC	ALE
ALLIANCE DATA SYSTEMS	ADS
ALLIANCE ONE INTL INC	AOI
ALLIANT ENERGY CORP	LNT
ALLIED MOTION TECH	AMOT
ALLIED WRLD ASSUR COM	AWH
ALLISON TRANSMISSION	ALSN
ALLSCRIPTS HEALTHCARE	MDRX
ALLSTATE CORP	ALL
ALLY FINL INC	ALLY
ALMOST FAMILY INC	AFAM
ALNYLAM PHARMACEUTICALS	ALNY
ALON USA ENERGY INC	ALJ
ALPHA & OMEGA SEMICON	AOSL
ALPHABET INC CL A	GOOGL
ALPHABET INC CL C	GOOG
ALTISOURCE PORTFOLIO	ASPS
ALTISOURCE RESIDENTIAL	RESI
ALTRA INDUSTRIAL MOTION	AIMC
ALTRIA GROUP INC	МО
AMAG PHARMACEUTICALS INC	AMAG
AMAZON COM INC	AMZN
AMBAC FINL GROUP INC	AMBC
AMBARELLA INC	AMBA
AMBER RD INC	AMBR
AMC ENTERTAINMENT	AMC
AMC NETWORKS INC	AMCX
AMDOCS LTD	DOX
AMEDISYS INC	AMED
AMER PUBLIC EDUCATION	APEI
AMERCO	UHAL
AMEREN CORP	AEE

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AMERICAN AIRLINES GROUP	AAL
AMERICAN ASSETS TRST INC	AAT
AMERICAN AXLE & MFG	AXL
AMERICAN CAMPUS COMMUN	ACC
AMERICAN CAP MTG INVT	MTGE
AMERICAN CAPITAL AGENCY	AGNC
AMERICAN EAGLE OUTFITTER	AEO
AMERICAN ELECTRIC POWER	AEP
AMERICAN EQUITY INVST	AEL
AMERICAN EXPRESS CO	AXP
AMERICAN FINANCIAL GROUP	AFG
AMERICAN HOMES 4 RENT	АМН
AMERICAN INDEPENDENCE	AMIC
AMERICAN INTL GROUP	AIG
AMERICAN NATIONAL INS CO	ANAT
AMERICAN NATL BANKSHARES	AMNB
AMERICAN RAILCAR IND	ARII
AMERICAN RENAL ASSOC HLD	ARA
AMERICAN SCIENCE & ENGR	ASEI
AMERICAN SOFTWARE INC	AMSWA
AMERICAN STATES WATER CO	AWR
AMERICAN SUPERCONDUCTOR	AMSC
AMERICAN TOWER CORP	AMT
AMERICAN VANGUARD CORP	AVD
AMERICAN WOODMARK CORP	AMWD
AMERICAN WTR WKS CO INC	AWK
AMERICAS CAR-MART INC	CRMT
AMERIPRISE FINANCIAL INC	AMP
AMERIS BANCORP	ABCB
AMERISAFE INC	AMSF
AMERISOURCEBERGEN CORP	ABC
AMES NATL CORP	ATLO
AMETEK INC	AME
AMGEN INC	AMGN
AMICUS THERAPEUTICS INC	FOLD
AMKOR TECHNOLOGY INC	AMKR
AMN HEALTHCARE SERVICES	AHS
AMPCO-PITTSBURGH CORP	AP
AMPHASTAR PHARMA INC	AMPH
AMPHENOL CORP	APH
AMPIO PHARMACEUTICALS	AMPE
AMPLIFY SNACK BRANDS INC	BETR
AMSURG CORP	AMSG
AMTRUST FINL SVCS	AFSI
ANADARKO PETROLEUM CORP	APC
ANALOG DEVICES INC	ADI
ANALOGIC CORP	ALOG
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ANGIES LIST INC	ANGI
ANGIODYNAMICS INC	ANGO
ANI PHARMACEUTICALS INC	ANIP
ANIKA THERAPEUTICS INC	ANIK
ANIXTER INTERNATIONAL	AXE
ANNALY CAPITAL MGMT INC	NLY
ANSYS INC	ANSS
ANTERO RESOURCES CO	AR
ANTHEM INC	ANTM
ANTHERA PHARMACEUTICALS	ANTH
ANWORTH MORTGAGE ASSET	ANH
AON PLC	AON
APACHE CORP	APA
APARTMENT INVT & MGMT	AIV
APIGEE CORP	APIC
APOGEE ENTERPRISES INC	APOG
APOLLO COMMERCIAL RE	ARI
APOLLO EDUCATION GROUP	APOL
APOLLO RESIDENTIAL MTG	AMTG
APPFOLIO INC	APPF
APPLE HOSPITALITY REIT	APLE
APPLE INC	AAPL
APPLIED GENETIC TECH	AGTC
APPLIED INDUSTRIAL TECH	AIT
APPLIED MATLS INC	AMAT
APPLIED MICRO CIRCUITS	AMCC
APPLIED OPTOELECTRONICS	AAOI
APTARGROUP INC	ATR
AQUA AMERICA INC	WTR
AQUA METALS INC	AQMS
ARAMARK	ARMK
ARATANA THERAPEUTICS INC	PETX
ARC DOCUMENT SOLUTIONS	ARC
ARCBEST CORPORATION	ARCB
ARCH CAP GROUP LTD	ACGL
ARCHER DANIELS MIDLAND	ADM
ARCHROCK INC	AROC
ARCTIC CAT INC	ACAT
ARDELYX INC	ARDX
ARDMORE SHIPPING CORP	ASC
ARENA PHARMACEUTICALS	ARNA
ARES COML REAL ESTATE	ACRE
ARGAN INC	AGX
ARGO GROUP INTL	AGII
ARGOS THERAPEUTICS	ARGS
ARIAD PHARMACEUTICALS	ARIA
ARLINGTON ASSET INVT	Al

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AUTOMATIC DATA PROCESS ADP AUTONATION INC AN AUTOZONE INC AZO	AUTOBYTEL INC	ABTL
AUTONATION INC AN AUTOZONE INC AZO	AUTODESK INC	ADSK
AUTONATION INC AN AUTOZONE INC AZO	AUTOMATIC DATA PROCESS	ADP
		AN
	AUTOZONE INC	AZO
	AVALONBAY CMNTYS INC	AVB



Russell 3000® Index

Company	Ticker
ARMADA HOFFLER PPTYS INC	АНН
ARMOUR RESIDENTIAL REIT	ARR
AVERY DENNISON CORP	AVY
AVEXIS INC	AVXS
AVG TECHNOLOGIES NV	AVG
AVID TECHNOLOGY INC	AVID
AVINGER INC	AVGR
AVIS BUDGET GROUP INC	CAR
AVISTA CORP	AVA
AVNET INC	AVT
AVON PRODUCTS INC	AVP
AVX CORP	AVX
AXALTA COATING SYSTEMS	AXTA
AXCELIS TECHNOLOGIES INC	ACLS
AXIALL CORP	AXLL
AXIS CAPITAL HOLDINGS	AXS
AXOGEN INC	AXGN
AXOVANT SCIENCES LTD	AXON
AXSOME THERAPEUTICS INC	AXSM
AZZ INC	AZZ
B & G FOODS INC	BGS
B. RILEY FINANCIAL INC	RILY
BABCOCK & WILCOX ENT	BW
BADGER METER INC	BMI
BAKER HUGHES INC	ВНІ
BALCHEM CORP	BCPC
BALDWIN & LYONS INC	BWINB
BALL CORP	BLL
BANC OF CALIFORNIA INC	BANC
BANCFIRST CORP	BANF
BANCO LATINOAMERICANO	BLX
BANCORP INC	TBBK
BANCORPSOUTH INC	BXS
BANK MUTUAL CORP	BKMU
BANK OF AMERICA CORP	BAC
BANK OF HAWAII CORP	вон
BANK OF MARIN BANCORP	BMRC
BANK OF NEW YORK MELLON	BK
BANK OF THE OZARKS INC	OZRK
BANKFINANCIAL CORP	BFIN
BANKRATE INC	RATE
BANKUNITED INC	BKU
BANKWELL FINL GROUP INC	BWFG
BANNER CORP	BANR
BAR HBR BANKSHARES	ВНВ
BARNES & NOBLE EDUCATION	BNED
BARNES & NOBLE INC	BKS
BARNES GROUP INC	В

Company	Ticker
AVANGRID INC	AGR
AVENUE FINANCIAL HLDGS	AVNU
BAXTER INTERNATIONAL INC	BAX
BAZAARVOICE INC	BV
BB&T CORP	ВВТ
BBCN BANCORP INC	BBCN
BBX CAPITAL CORPORATION	ввх
BE AEROSPACE INC	BEAV
BEACON ROOFING SUPPLY	BECN
BEAR STATE FINL INC	BSF
BEAZER HOMES USA INC	BZH
BECTON DICKINSON & CO	BDX
BED BATH & BEYOND INC	BBBY
BEL FUSE INC	BELFB
BELDEN INC	BDC
BELLICUM PHARMACEUTICALS	BLCM
BELMOND LTD	BEL
BEMIS INC	BMS
BENCHMARK ELECTRONICS	BHE
BENEFICIAL BANCORP INC	BNCL
BENEFITFOCUS INC	BNFT
BERKLEY W R CORP	WRB
BERKSHIRE HATHAWAY INC	BRK.B
BERKSHIRE HILLS BANCORP	BHLB
BERRY PLASTICS GROUP	BERY
BEST BUY INC	BBY
BGC PARTNERS INC	BGCP
BIG 5 SPORTING GOODS	BGFV
BIG LOTS INC	BIG
BIGLARI HOLDINGS INC	ВН
BILL BARRETT CORP	BBG
BIO PATH HOLDINGS INC	ВРТН
BIOCRYST PHARMACEUTICALS	BCRX
BIOGEN INC	BIIB
BIOMARIN PHARMACEUTICAL	BMRN
BIO-RAD LABORATORIES INC	BIO
BIOSCRIP INC	BIOS
BIOSPECIFICS TECHNO CORP	BSTC
BIO-TECHNE CORP	TECH
BIOTELEMETRY INC	BEAT
BIOTIME INC	ВТХ
BJS RESTAURANTS INC	BJRI
BLACK BOX CORP	ввох
BLACK HILLS CORP	ВКН
BLACK KNIGHT FINL SVCS	BKFS
BLACKBAUD INC	BLKB
BLACKHAWK NETWORK HLDGS	HAWK
BLACKROCK INC	BLK

FTSE Russell

Membership list

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Commons	
Company	Ticker
BARRACUDA NETWORKS INC	CUDA
BARRETT BUSINESS SERVICE	BBSI
BASSETT FURNITURE INDS	BSET
BLUE BIRD CORP	BLBD
BLUE BUFFALO PET PROD	BUFF
BLUE CAPITAL REINSURANCE	BCRH
BLUE HILLS BANCORP INC	внвк
BLUE NILE INC	NILE
BLUEBIRD BIO INC	BLUE
BLUEPRINT MEDICINES CORP	ВРМС
BLUEROCK RESIDENT REIT	BRG
BMC STOCK HOLDINGS INC	ВМСН
BNC BANCORP	BNCN
BOB EVANS FARMS INC	BOBE
BOEING CO	BA
BOFI HLDG INC	BOFI
BOINGO WIRELESS INC	WIFI
BOISE CASCADE COMPANY	BCC
BOJANGLES INC	BOJA
BOK FINANCIAL CORP	BOKF
BOOT BARN HOLDINGS	BOOT
BOOZ ALLEN HAMILTON HLDG	BAH
BORG WARNER INC	BWA
BOSTON BEER INC	SAM
BOSTON PRIVATE FINANCIAL	BPFH
BOSTON PROPERTIES INC	ВХР
BOSTON SCIENTIFIC CO	BSX
BOTTOMLINE TECHNOLOGIES	EPAY
BOX INC	вох
BOYD GAMING CORP	BYD
BRADY CORP	BRC
BRANDYWINE REALTY TRUST	BDN
BRIDGE BANCORP INC	BDGE
BRIDGEPOINT ED INC	BPI
BRIGGS & STRATTON CO	BGG
BRIGHT HORIZON FAMILY	BFAM
BRIGHTCOVE INC	BCOV
BRINKER INTERNATIONAL	EAT
BRINKS CO	всо
BRISTOL MYERS SQUIBB	BMY
BRISTOW GROUP INC	BRS
BRIXMOR PROPERTY GROUP	BRX
BROADCOM LIMITED	AVGO
BROADRIDGE FINANCIAL INC	BR
BROADSOFT INC	BSFT
BROCADE COMMUNICATIONS	BRCD
BROOKDALE SENIOR LIVING	BKD
BROOKLINE BANCORP INC	BRKL

Company	Ticker
BLOCK H & R INC	HRB
BLOOMIN' BRANDS INC	BLMN
BLUCORA INC	BCOR
BRUKER CORP	BRKR
BRUNSWICK CORP	BC
BRYN MAWR BANK CORP	BMTC
BSB BANCORP INC MD	BLMT
BUCKLE INC	BKE
BUFFALO WILD WINGS INC	BWLD
BUILD A BEAR WORKSHOP	BBW
BUILDERS FIRSTSOURCE INC	BLDR
BUNGE LIMITED	BG
BURLINGTON STORES INC	BURL
BWX TECHNOLOGIES INC	BWXT
C & F FINANCIAL CORP	CFFI
C H ROBINSON WORLDWIDE	CHRW
C1 FINANCIAL INC	BNK
CA INC	CA
CABELAS INC	CAB
CABLE ONE INC	CABO
CABOT CORP	CBT
CABOT MICROELECTRONICS	CCMP
CABOT OIL & GAS CORP	COG
CACI INTERNATIONAL INC	CACI
CADENCE DESIGN SYSTEMS	CDNS
CAESARS ACQUISITION CO	CACQ
CAESARS ENTMT CORP	CZR
CAESARSTONE LTD	CSTE
CAI INTERNATIONAL INC	CAI
CAL MAINE FOODS INC	CALM
CALAMOS ASSET MGMT INC	CLMS
CALAMP CORP	CAMP
CALATLANTIC GROUP INC	CAA
CALAVO GROWERS INC	CVGW
CALERES INC	CAL
CALGON CARBON CORP	CCC
CALIFORNIA FIRST NATL	CFNB
CALIFORNIA RESOURCES	CRC
CALIFORNIA WTR SVC GRP	CWT
CALIX INC	CALX
CALLAWAY GOLF CO	ELY
CALLIDUS SOFTWARE INC	CALD
CALLON PETROLEUM CO	CPE
CALPINE CORP	CPN
CAMBIUM LEARNING GRP INC	ABCD
CAMBREX CORP	СВМ
CAMDEN NATIONAL CORP	CAC
CAMDEN PROPERTY TRUST	СРТ



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Company	
Company	Ticker
BROOKS AUTOMATION INC	BRKS
BROWN & BROWN INC	BRO
BROWN FORMAN CORP CL A	BF.A
BROWN FORMAN CORP CL B	BF.B
CAPITAL CITY BANK GROUP	CCBG
CAPITAL ONE FINANCIAL	COF
CAPITAL SENIOR LIVING	CSU
CAPITOL FEDERAL FINL INC	CFFN
CAPSTEAD MORTGAGE CORP	СМО
CARA THERAPEUTICS INC	CARA
CARBO CERAMICS INC	CRR
CARBONITE INC	CARB
CARDINAL FINANCIAL CORP	CFNL
CARDINAL HEALTH INC	CAH
CARDIOVASCULAR SYS INC	CSII
CARDTRONICS INC	CATM
CARE CAPITAL PROPERTIES	CCP
CARE.COM INC	CRCM
CAREER EDUCATION CORP	CECO
CARETRUST REIT INC	CTRE
CARLISLE COS INC	CSL
CARMAX INC	KMX
CARMIKE CINEMAS INC	CKEC
CARNIVAL CORP	CCL
CAROLINA FINL CORP	CARO
CARPENTER TECHNOLOGY	CRS
CARRIAGE SERVICES INC	CSV
CARRIZO OIL & GAS INC	CRZO
CARROLS RESTAURANT GRP	TAST
CARTER INC	CRI
CASCADE BANCORP	CACB
CASCADE MICROTECH INC	CSCD
CASELLA WASTE SYSTEMS	CWST
CASEYS GENERAL STORES	CASY
CASH AMERICA INTL INC	CSH
CASS INFORMATION SYSTEMS	CASS
CASTLIGHT HEALTH INC	CSLT
CATALENT INC	CTLT
CATCHMARK TIMBER TRUST	CTT
CATERPILLAR INC	CAT
CATHAY GENERAL BANCORP	CATY
CATO CORP	CATO
CAVCO INDUSTRIES INC	cvco
CAVIUM INC	CAVM
CBIZ INC	CBZ
CBL & ASSOC PPTYS INC	CBL
CBOE HLDGS INC	CBOE
CBRE GROUP INC	CBG

Company	Ticker
CAMPBELL SOUP CO	СРВ
CANTEL MEDICAL CORP	CMN
CAPELLA EDUCATION CO	CPLA
CAPITAL BANK FINANCIAL	CBF
CEDAR REALTY TRUST INC	CDR
CELADON GROUP INC	CGI
CELANESE CORP	CE
CELATOR PHARMACEUTICALS	CPXX
CELGENE CORP	CELG
CELLDEX THERAPEUTICS INC	CLDX
CELLULAR BIOMEDICINE GRP	CBMG
CEMPRA INC	CEMP
CENTENE CORP	CNC
CENTERPOINT ENERGY INC	CNP
CENTERSTATE BANKS INC	CSFL
CENTRAL EUROPEAN MEDIA	CETV
CENTRAL GARDEN & PET CO	CENT
CENTRAL PACIFIC FINL	CPF
CENTRAL VALLEY CMNTY	CVCY
CENTURY ALUMINUM CO	CENX
CENTURY BANCORP INC	CNBKA
CENTURY CASINOS INC	CNTY
CENTURY COMMUNITIES INC	ccs
CENTURYLINK INC	CTL
CEPHEID INC	CPHD
CERNER CORP	CERN
CERUS CORP	CERS
CEVA INC	CEVA
CF INDUSTRIES HOLDINGS	CF
CHANNELADVISOR CORP	ECOM
CHARLES RIVER LABS INTL	CRL
CHART INDUSTRIES INC	GTLS
CHARTER COMM INC	CHTR
CHARTER FINL CORP WEST	CHFN
CHASE CORP	CCF
CHATHAM LODGING TR	CLDT
CHEESECAKE FACTORY INC	CAKE
CHEFS' WHAREHOUSE INC	CHEF
CHEGG INC	CHGG
CHEMED CORPORATION	CHE
CHEMICAL FINANCIAL CORP	CHFC
CHEMOCENTRYX INC	CCXI
CHEMTURA CORP	CHMT
CHEMUNG FINL CORP	CHMG
CHENIERE ENERGY INC	LNG
CHESAPEAKE ENERGY CORP	СНК
CHESAPEAKE LODGING TRUST	CHSP
CHESAPEAKE UTILITIES	СРК



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Commons	
Company	Ticker
CBS CORPORATION	CBS
CDK GLOBAL INC	CDK
CDW CORPORATION	CDW
CEB INC	CEB
CECO ENVIRONMENTAL CORP	CECE
CHIMERA INVESTMENT CORP	CIM
CHIMERIX INC	CMRX
CHIPOTLE MEXICAN GRILL	CMG
CHOICE HOTELS INTL INC	СНН
CHROMADEX CORP	CDXC
CHUBB LIMITED	СВ
CHURCH & DWIGHT INC	CHD
CHURCHILL DOWNS INC	CHDN
CHUY'S HOLDINGS INC	CHUY
CIDARA THERAPEUTICS INC	CDTX
CIENA CORP	CIEN
CIGNA CORP	CI
CIMAREX ENERGY CO	XEC
CIMPRESS NV	CMPR
CINCINNATI BELL INC	CBB
CINCINNATI FINANCIAL	CINF
CINEMARK HOLDINGS INC	CNK
CINTAS CORP	CTAS
CIRCOR INTERNATIONAL INC	CIR
CIRRUS LOGIC INC	CRUS
CISCO SYSTEMS INC	CSCO
CIT GROUP INC	CIT
CITI TRENDS INC	CTRN
CITIGROUP INC	С
CITIZENS & NORTHERN CORP	CZNC
CITIZENS FINANCIAL INC	CFG
CITIZENS INC	CIA
CITRIX SYSTEMS INC	CTXS
CITY HOLDING CO	CHCO
CITY OFFICE REIT INC	CIO
CIVITAS SOLUTIONS	CIVI
CLARCOR INC	CLC
CLEAN ENERGY FUELS CORP	CLNE
CLEAN HARBORS INC	CLH
CLEAR CHANNEL OUTDOOR	CCO
CLEARFIELD INC	CLFD
CLEARWATER PAPER CORP	CLW
CLIFFS NATURAL RESOURCES	CLF
CLIFTON BANCORP INC	CSBK
CLOROX CO	CLX
CLOVIS ONCOLOGY INC	CLVS
CLUBCORP HOLDINGS	MYCC
CME GROUP INC	CME

CHEVRON CORP CHICAGO BRIDGE & IRON CHICOS FAS INC CHILDRENS PLACE INC COBIZ FINANCIAL INC COCA COLA BOTTLING COCA COLA CO CODEXIS INC CODEXIS INC CODEXIS INC COGENT COMM HOLDINGS COGNEX CORP COGNIZANT TECH SOLUTIONS COHEN & STEERS INC COHERENT INC COHERUS BIOSCIENCES COHICAX CORP	CVX CBI CHS PLCE COBZ COKE KO CDXS CVLY CDE CCOI CGNX CTSH CNS COHR CHRS
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COGENT COMM HOLDINGS COGNEX CORP COGNIZANT TECH SOLUTIONS COHEN & STEERS INC COHERENT INC COHERUS BIOSCIENCES COHU INC COLFAX CORP	CCOI CGNX CTSH CNS COHR
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COGNIZANT TECH SOLUTIONS COHEN & STEERS INC COHERENT INC COHERUS BIOSCIENCES COHU INC COLFAX CORP	CTSH CNS COHR
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COLONY CAPITAL INC	CLNY
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COLUMBIA PIPELINE GROUP	CPGX
COLUMBIA PPTY TR INC	СХР
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COLUMBUS MCKINNON CORP	CMCO
COMCAST CORP CL A	CMCSA
COMERICA INC	CMA
COMFORT SYSTEMS USA INC	FIX
COMM & SALES LEASING	CSAL
COMMERCE BANCSHARES INC	CBSH
COMMERCIAL METALS CO	CMC
COMMSCOPE HOLDING CO	COMM
COMMUNITY BANK SYSTEMS	CBU
COMMUNITY HEALTH SYSTEMS	СҮН
COMMUNITY HEALTHCARE TR	CHCT
COMMUNITY TRUST BANCORP	СТВІ
COMMUNITYONE BANCORP	СОВ
COMMVAULT SYSTEMS INC	CVLT
COMPASS MINERALS INTL	CMP
COMPUTER PROGRAMS & SYS	CPSI
COMPUTER SCIENCES CORP	CSC
COMPX INTERNATIONAL INC	CIX
COMSCORE INC	SCOR
COMTECH TELECOMM	CMTL
CONAGRA FOODS INC	CAG



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CNO FINANCIAL GROUP	CNO
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COBALT INTL ENERGY	CIE
CONNECTONE BANCORP INC	CNOB
CONNS INC	CONN
CONOCOPHILLIPS	COP
CONSOL ENERGY INC	CNX
CONSOLIDATED COMM	CNSL
CONSOLIDATED EDISON INC	ED
CONSOLIDATED TOMOKA LAND	сто
CONSOLIDATED WATER CO	cwco
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COOPER STD HLDGS INC	CPS
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CORE MARK HOLDING CO INC	CORE
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CORINDUS VASC ROBOTICS	CVRS
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COVANTA HOLDING CORP	CVA
COVENANT TRANS GRP INC	CVTI
COWEN GROUP INC	COWN
CPI CARD GROUP INC	PMTS
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CONCHO RESOURCES INC	CXO
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CREE INC	CREE
CROCS INC	CROX
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CROWN HOLDINGS INC	CCK
CRYOLIFE INC	CRY
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CSRA INC	CSRA
CSS INDUSTRIES INC CST BRANDS INC	CSS
CSW INDUSTRIALS INC	CSWI
CSX CORP	CSX
CTS CORP	CTS
CU BANCORP CALIF	CUNB
CUBESMART	CUBE
CUBIC CORP	CUB
CULLEN FROST BANKERS	CFR
CULP INC	CFI
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CVB FINANCIAL CORP	CVBF
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CYTOKINETICS INC	СҮТК
CYTOMX THERAPEUTICS INC	СТМХ
CYTRX CORP	CYTR
D R HORTON INC	DHI
DAILY JOURNAL CORP	DJCO
DAKTRONICS INC	DAKT
DANA HOLDING CORP	DAN
DANAHER CORP	DHR
DARDEN RESTAURANTS INC	DRI
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DATALINK CORP	DTLK



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DEERE & CO	DE
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DEL TACO RESTAURANTS INC	TACO
DELEK US HLDGS INC	DK
DELPHI AUTOMOTIVE PLC	DLPH
DELTA AIR LINES INC	DAL
DELTA APPAREL INC	DLA
DELTA NATURAL GAS INC	DGAS
DELTIC TIMBER CORP	DEL
DELUXE CORP	DLX
DEMANDWARE INC	DWRE
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DENTSPLY SIRONA INC	XRAY
DEPOMED INC	DEPO
DERMIRA INC	DERM
DESTINATION XL GRP INC	DXLG
DEVON ENERGY CORP	DVN
DEVRY EDUCATION GROUP	DV
DEXCOM INC	DXCM
DHI GROUP INC	DHX
DHT HOLDINGS INC	DHT
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DIAMOND RESORTS INT INC	DRII
DIAMONDBACK ENERGY INC	FANG
DIAMONDROCK HOSPITALITY	DRH
DICKS SPORTING GOODS INC	DKS
DIEBOLD INC	DBD
DIGI INTL INC	DGII
DIGIMARC CORPORATION	DMRC
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DIGITALGLOBE INC	DGI
DILLARDS INC	DDS
DIME CMNTY BANCSHARES	DCOM
DIMENSION THERAPEUTICS	DMTX
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DDR CORP	DDR
DEAN FOODS COMPANY	DF
DOMINOS PIZZA INC	DPZ
DOMTAR CORPORATION	UFS
DONALDSON INC	DCI
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DONNELLEY R R & SONS CO	RRD
DORIAN LPG LTD	LPG
DORMAN PRODUCTS INC	DORM
DOUGLAS DYNAMICS INC	PLOW
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DOW CHEMICAL CO	
DR PEPPER SNAPPLE GROUP	DOW
DREAMWORKS ANIMATION SKG	DWA
DREW INDUSTRIES INC	DWA
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DRIL-QUIP INC	· · · · · · · · · · · · · · · · · · ·
DSP GROUP INC DST SYSTEMS INC	DSPG
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DTE ENERGY CO	DTE
DTS INC	DTSI
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DUN & BRADSTREET CORP	DNB
DUNKIN BRANDS GROUP INC DUPONT FABROS TECHNOLOGY	DNKN
DURECT CORP	DRRX
DXP ENTERPRISES INC	DXPE
DYCOM INDUSTRIES INC	DY
DYNAMIC MATERIALS CORP	BOOM
DYNAVAX TECHNOLOGIES DYNEGY INC	DVAX
DYNEY CADITAL INC	DYN
DYNEX CAPITAL INC	
E TRADE FINANCIAL CORP EAGLE BANCORP INC	ETFC
	EGBN
EAGLE PHARMACEUTICALS	EXP
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EARTHLINK HOLDINGS CORP	ELNK
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DOLLAR GENERAL CORP	DG
DOLLAR TREE INC	DLTR
DOMINION RESOURCES INC	D
EBIX INC	EBIX
ECHO GLOBAL LOGISTICS	ECHO
ECHOSTAR CORP	SATS
ECLIPSE RESOURCES CORP	ECR
ECOLAB INC	ECL
EDGE THERAPEUTICS INC	EDGE
EDGEWELL PERSONAL CARE	EPC
EDISON INTERNATIONAL	EIX
EDITAS MEDICINE INC	EDIT
EDUCATION REALTY TRUST	EDR
EDWARDS LIFESCIENCES	EW
EGALET CORPORATION	EGLT
EHEALTH INC	EHTH
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EL PASO ELECTRIC CO	EE
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ELIZABETH ARDEN INC	RDEN
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EMC INS GROUP INC	EMCI
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EMCORE CORP	EMKR
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EMERSON ELECTRIC CO	EMR
EMPIRE DISTRICT ELECTRIC	EDE
EMPIRE RESORTS INC	NYNY
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EBAY INC	EBAY
ENNIS INC	EBF
ENOVA INTERNATIONAL INC	ENVA
ENPRO INDUSTRIES INC	NPO
ENSCO PLC	ESV
ENSIGN GROUP INC	ENSG
ENSTAR GROUP LIMITED	ESGR
ENTEGRIS INC	ENTG
ENTELLUS MEDICAL INC	ENTL
ENTERCOM COMMUNICATIONS	ETM
ENTERGY CORP	ETR
ENTERPRISE BANCORP INC	EBTC
ENTERPRISE FINL SERVICES	EFSC
ENTRAVISION COMM	EVC
ENVESTNET INC	ENV
ENVISION HEALTHCARE INC	EVHC
ENZO BIOCHEM INC	ENZ
EOG RESOURCES INC	EOG
EP ENERGY CORPORATION	EPE
EPAM SYSTEMS INC	EPAM
EPIQ SYSTEMS INC	EPIQ
EPIZYME INC	EPZM
EPLUS INC	PLUS
EPR PROPERTIES	EPR
EQT CORPORATION	EQT
EQUIFAX INC	EFX
EQUINIX INC	EQIX
EQUITY BANCSHARE INC	EQBK
EQUITY COMMONWEALTH	EQC
EQUITY LIFESTYLE PROP	ELS
EQUITY ONE INC	EQY
EQUITY RESIDENTIAL	EQR
ERA GROUP INC	ERA
ERIE INDEMNITY CO	ERIE
ERIN ENERGY CORPORATION	ERN
EROS INTL PLC	EROS
ESCALADE INC	ESCA
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ESPERION THERAPEUTICS	ESPR
ESSA BANCORP INC	ESSA
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ESSENT GROUP LTD	ESNT





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ENGILITY HOLDINGS INC	EGL
EVEREST RE GROUP LTD	RE
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EVERTEC INC	EVTC
EVERYDAY HEALTH INC	EVDY
EVOLENT HEALTH INC	EVH
EVOLUTION PETROLEUM CORP	EPM
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EXACT SCIENCES CORP	EXAS
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EZCORP INC	EZPW
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FACEBOOK INC	FB
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FAIR ISAAC CORP	FICO
FAIRCHILD SEMICONDUCTOR	FCS
FAIRMOUNT SANTROL HLDGS	FMSA
FAIRPOINT COMMUNICATIONS	FRP
FARMER BROS CO	FARM
FARMERS CAPITAL BK CORP	FFKT
FARMERS NATL BANC CORP	FMNB
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	EVER
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FEDEX CORP	FDX
FEI CO	FEIC
FELCOR LODGING TRUST INC	FCH
FERRO CORP	FOE
FERROGLOBE PLC	GSM
FIBROGEN INC	FGEN
FIDELITY & GUARANTY	FGL
FIDELITY NATL INFO SVCS	FIS
FIDELITY SOUTHERN CORP	LION
FIESTA RESTAURANT GROUP	FRGI
FIFTH STREET ASSET MGMT	FSAM
FIFTH THIRD BANCORP	FITB
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FINANCIAL INSTNS INC	FISI
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FINISH LINE INC	FINL
FIREEYE INC	FEYE
FIRST AMERICAN FINL CORP	FAF
FIRST BANCORP INC	FNLC
FIRST BANCORP NC	FBNC
FIRST BANCORP PR	FBP
FIRST BUSEY CORP	BUSE
FIRST BUSINESS FINL SVCS	FBIZ
FIRST CASH FINANCIAL	FCFS
FIRST CITIZENS BANCSHRS	FCNCA
FIRST CMNTY BANCSHAR	FCBC
FIRST COMMONWLTH FINL	FCF
FIRST COMMUNITY FINL INC	FCFP
FIRST CONN BANCORP INC	FBNK
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FIRST FINANCIAL BANCORP	FFBC
FIRST FINANCIAL CORP	THFF
FIRST FINL BANKSHARES	FFIN
FIRST FINL NORTHWEST	FFNW
FIRST FNDTN INC	FFWM
FIRST HORIZON NATL CORP	FHN
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FEDERAL MOGUL HOLDINGS	FDML
FEDERAL REALTY INVT	FRT
FEDERAL SIGNAL CORP	FSS
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FIRST REP BK SAN FRAN	FRC
FIRST SOLAR INC	FSLR
FIRSTENERGY CORP	FE
FIRSTMERIT CORP	FMER
FISERV INC	FISV
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FLEXION THERAPEUTICS INC	FLXN
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FLOTEK INDUSTRIES INC	FTK
FLOWERS FOODS INC	FLO
FLOWSERVE CORP	FLS
FLUIDIGM CORP	FLDM
FLUOR CORP	FLR
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FMC CORP	FMC
FMC TECHNOLOGIES INC	FTI
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FNF GROUP	FNF
FNFV GROUP	FNFV
FOGO DE CHAI INC	FOGO
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FORD MOTOR CO	F
FOREST CITY REALTY TRUST	FCE.A
FORESTAR GROUP INC	FOR
FORMFACTOR INC	FORM
FORRESTER RESEARCH INC	FORR
FORTINET INC	FTNT
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FIRST LONG ISLAND CORP	FLIC
FIRST MERCHANTS CORP	FRME
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GASLOG LTD	GLOG
GATX CORP	GMT
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GENCOR INDUSTRIES INC	GENC
GENER8 MARITIME INC	GNRT
GENERAC HOLDINGS INC	GNRC
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FOX FACTORY HOLDING CORP	FOXF
FRANCESCAS HOLDINGS CORP	FRAN
FRANKLIN COVEY CO	FC
FRANKLIN ELECTRIC CO	FELE
FRANKLIN FINANCIAL NTWK	FSB
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GENTHERM INC	THRM
GENUINE PARTS CO	GPC
GENWORTH FINANCIAL INC	GNW
GEO GROUP INC	GEO
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GIGAMON INC	GIMO
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GLOBAL WATER RESOURCES	GWRS
GLOBALSTAR INC	GSAT
GLOBANT SA	GLOB
GLOBUS MEDICAL INC	GMED
GLU MOBILE INC	GLUU
GLYCOMIMETICS INC	GLYC
GMS INC	GMS
GNC HLDGS INC	GNC
GODADDY INC	GDDY
GOGO INC	GOGO
GOLAR LNG LTD BERMUDA	GLNG
GOLD RESOURCE CORP	GORO
GOLDEN ENTERTAINMENT INC	GDEN
GOLDMAN SACHS GROUP INC	GS

GENERAL MTRS CO GENESCE & WYOMING INC GENESCE & GUIDANCE & GENESCE & GUIDANCE & GOLD & GENESCE & GENES	Company	Ticker
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Russell 3000® Index

Company	Ticker
GOODYEAR TIRE & RUBBER	GT
GOPRO INC	GPRO
GORMAN RUPP CO	GRC
GOVERNMENT PPTY INCOME	GOV
GP STRATEGIES CORP	GPX
GRACE W R & CO	GRA
GRACO INC	GGG
GRAHAM CORP	GHM
GRAHAM HOLDINGS COMPANY	GHC
GRAINGER WW INC	GWW
GRAMERCY PROPERTY TRUST	GPT
GRAND CANYON EDUCATION	LOPE
HARMONIC INC	HLIT
HARRIS CORP	HRS
HARSCO CORP	HSC
HARTFORD FINL SVCS GRP	HIG
HASBRO INC	HAS
HATTERAS FINL CORP	HTS
HAVERTY FURNITURE INC	HVT
HAWAIIAN ELECTRIC INDS	HE
HAWAIIAN HOLDINGS INC	НА
HAWAIIAN TELCOM HOLDCO	HCOM
HAWKINS INC	HWKN
HAYNES INTERNATIONAL INC	HAYN
HB FULLER COMPANY	FUL
HC2 HLDGS INC	нснс
HCA HOLDINGS INC	HCA
HCI GROUP INC	HCI
HCP INC	НСР
HD SUPPLY HOLDINGS INC	HDS
HEADWATERS INC	HW
HEALTHCARE REALTY TRUST	HR
HEALTHCARE SVCS GRP INC	HCSG
HEALTHCARE TR AMER INC	HTA
HEALTHEQUITY INC	HQY
HEALTHSOUTH CORP	HLS
HEALTHSTREAM INC	HSTM
HEALTHWAYS INC	HWAY
HEARTLAND EXPRESS INC	HTLD
HEARTLAND FINANCIAL USA	HTLF
HEARTWARE INTL INC	HTWR
HECLA MINING CO	HL
HEICO CORP CL A	HEI.A
HEICO CORP COMMON	HEI
HEIDRICK & STRUGGLES	HSII
HELEN OF TROY LTD	HELE
HELIX ENERGY SOLUTIONS	HLX
HELMERICH & PAYNE INC	HP

Company	Ticker
HAMPTON ROADS BANKSHARES	HMPR
HANCOCK HOLDING CO	НВНС
HANDY & HARMAN HLDGS LTD	HNH
HANESBRAND INC	НВІ
HANMI FINANCIAL CORP	HAFC
HANNON ARMSTRONG SUSTAIN	HASI
HANOVER INSURANCE GROUP	THG
HARDINGE INC	HDNG
HARLEY DAVIDSON INC	HOG
HARMAN INTERNATIONAL IND	HAR
HERTZ GLOBAL HOLDINGS	HTZ
HESKA CORP	HSKA
HESS CORP	HES
HEWLETT PACKARD ENT	HPE
HEXCEL CORP	HXL
HFF INC	HF
HIBBETT SPORTS INC	HIBB
HIGHER ONE HLDGS INC	ONE
HIGHWOODS PROPERTIES INC	HIW
HILL INTERNATIONAL INC	HIL
HILLENBRAND INC	HI
HILL-ROM HOLDINGS INC	HRC
HILLTOP HOLDINGS INC	нтн
HILTON WORLDWIDE HOLDING	HLT
HINGHAM INSTN SVGS MASS	HIFS
HMS HOLDINGS CORP	HMSY
HNI CORPORATION	HNI
HOLLYFRONTIER CORP	HFC
HOLOGIC INC	HOLX
HOME BANCORP INC	НВСР
HOME BANCSHARES INC	HOMB
HOME DEPOT INC	HD
HOMESTREET INC	HMST
HOMETRUST BANCSHARES INC	НТВІ
HONEYWELL INTERNATIONAL	HON
HOOKER FURNITURE CORP	HOFT
HORACE MANN EDUCATORS	HMN
HORIZON BANCORP IND	HBNC
HORIZON GLOBAL CORP	HZN
HORIZON PHARMA PLC	HZNP
HORMEL FOODS CORP	HRL
HORNBECK OFFSHORE SVCS	HOS
HORTONWORKS INC	HDP
HOSPITALITY PPTYS TRUST	НРТ
HOST HOTELS & RESORTS	HST
HOUGHTON MIFFLIN HARCOUR	НМНС
HOULIHAN LOKEY INC	HLI



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Company	Ticker
HEMISPHERE MEDIA GROUP	HMTV
HENNESSY ADVISORS INC	HNNA
HENRY JACK & ASSOCIATES	JKHY
HERBALIFE LTD	HLF
HERITAGE COMMERCE CORP	нтвк
HERITAGE CRYL CLEAN INC	HCCI
HERITAGE FINANCIAL CORP	HFWA
HERITAGE INS HLDGS INC	HRTG
HERITAGE OAKS BANCORP	HEOP
HERMAN MILLER INC	MLHR
HERON THERAPEUTICS INC	HRTX
HERSHA HOSPITALITY TRUST	HT
HERSHEY COMPANY	HSY
HUNTSMAN CORP	HUN
HURCO COMPANIES INC	HURC
HURON CONSULTING GROUP	HURN
HYATT HOTELS CORP	Н
HYSTER-YALE MATERIALS	HY
IAC INTERACTIVECORP	IAC
IBERIABANK CORP	IBKC
ICF INTERNATIONAL INC	ICFI
ICONIX BRAND GROUP INC	ICON
ICU MEDICAL INC	ICUI
IDACORP INC	IDA
IDERA PHARMACEUTICALS	IDRA
IDEX CORP	IEX
IDEXX LABS INC	IDXX
IDI INC	IDI
IDT CORP	IDT
IES HOLDINGS INC	IESC
IGNYTA INC	RXDX
IHS INC	IHS
II VI INC	IIVI
ILLINOIS TOOL WORKS INC	ITW
ILLUMINA INC	ILMN
IMAX CORP	IMAX
IMMERSION CORP	IMMR
IMMUNE DESIGN CORP	IMDZ
IMMUNOGEN INC	IMGN
IMMUNOMEDICS INC	IMMU
IMPAC MTG HLDGS INC	IMH
IMPAX LABORATORIES INC	IPXL
IMPERVA INC	IMPV
IMPRIVATA INC	IMPR
IMS HEALTH HLDGS INC	IMS
INC RESEARCH HOLDINGS	INCR
INCONTACT INC	SAAS
INCYTE CORP	INCY

IOWARD HUGHES CORP IP INC IRG GROUP INC ISN INC IUB GROUP INC IUBBELL INC IUBSPOT INC IUBSPOT INC IUDSON PAC PPTYS INC IUMANA INC IUNTINGTON BANCSHARES IUNTINGTON INGALLS IND INGLES MARKETS INC INGRAM MICRO INC INGRAM MICRO INC INGREDION INC INDERWORKINGS INC INDOPHOS HOLDINGS INC INDOSPEC INC	HHC HPQ HRG HSNI HUBG HUBB HUBS HPP HUM HBAN HII IMKTA IM INGR INWK IPHS IOSP
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NNERWORKINGS INC NNOPHOS HOLDINGS INC NNOSPEC INC	INWK IPHS IOSP
NNOPHOS HOLDINGS INC NNOSPEC INC	IPHS IOSP
NNOSPEC INC	IOSP
NOVIVA INC	INVA
NOGEN INC	INGN
NOTEK PHARMACEUTICALS	ITEK
NOVALON HOLDINGS INC	INOV
NOVIO PHARMACEUTICALS	INO
NPHI CORP	IPHI
NSIGHT ENTERPRISES INC	NSIT
NSMED INC	INSM
NSPERITY INC	NSP
NSTALLED BLDNG PRODUCTS	IBP
NSTEEL INDUSTRIES INC	IIIN
NSTRUCTURE INC	INST
NSULET CORP	PODD
NSYS THERAPEUTICS INC	INSY
NTEGRA LIFESCIENCES	IART
NTEGRATED DEVICE TECH	IDTI
NTEL CORP	INTC
NTELIQUENT INC	IQNT
NTELLA THERAPEUTICS INC	NTLA
NTELSAT SA	I
NTER PARFUMS INC	IPAR
NTERACTIVE BROKERS GRP	IBKR
NTERACTIVE INTELLIGENCE	ININ
NTERCEPT PHARMA INC	ICPT
NTERCONTINENTAL EXCH	ICE
NTERDIGITAL INC	IDCC
NTERFACE INC	TILE
NTERNATIONAL BANCSHARES	IBOC
NTERNATIONAL GAME TECH	IGT
NTERNATIONAL PAPER CO	IP.
NTERNATIONAL PAPERWAY	ISCA



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Company	Ticker
IND CONTRACT DRILLING	ICD
INDEPENDENCE HOLDING CO	IHC
INDEPENDENCE RLTY TRUST	IRT
INDEPENDENT BANK CORP	IBCP
INDEPENDENT BANK MA	INDB
INDEPENDENT BK GROUP INC	IBTX
INFINERA CORP	INFN
INFINITY PHARMACEUTICALS	INFI
INFINITY PPTY & CAS CORP	IPCC
INFOBLOX INC	BLOX
INFORMATION SERVICES GRP	III
INFRAREIT INC	HIFR
INGERSOLL-RAND PLC	IR
INGEVITY CORPORATION	NGVT
INTUITIVE SURGICAL INC	ISRG
INVACARE CORP	IVC
INVENSENSE INC	INVN
INVENTURE FOODS INC	SNAK
INVESCO LTD	IVZ
INVESCO MORTGAGE CAP	IVR
INVESTMENT TECHNOLOGY	ITG
INVESTORS BANCORP INC	ISBC
INVESTORS REAL ESTATE TR	IRET
INVESTORS TITLE CO	ITIC
INVITAE CORPORATION	NVTA
INVIVO THERAPEUTICS HLDG	NVIV
IONIS PHARMACEUTICALS	IONS
IPG PHOTONICS CORP	IPGP
IRADIMED CORPORATION	IRMD
IRIDEX CORP	IRIX
IRIDIUM COMMUNICATIONS	IRDM
IROBOT CORP	IRBT
IRON MOUNTAIN INC	IRM
IRONWOOD PHARMACEUTICALS	IRWD
ISLE OF CAPRI CASINOS	ISLE
ISRAMCO INC	ISRL
ISTAR INC	STAR
ITC HOLDINGS CORP	ITC
ITRON INC	ITRI
ITT INC	ITT
IXIA	XXIA
IXYS CORP	IXYS
J & J SNACK FOODS CO	JJSF
J ALEXANDERS HOLDINGS	JAX
J2 GLOBAL INC	JCOM
JABIL CIRCUIT INC	JBL
JACK IN THE BOX INC	JACK
JACOBS ENGINEERING GRP	JEC

Company	Ticker
INTERPUBLIC GROUP OF COS	IPG
INTERSECT ENT INC	XENT
INTERSIL CORP	ISIL
INTERVAL LEISURE GRP INC	IILG
INTL BUSINESS MACHINES	IBM
INTL FCSTONE INC	INTL
INTL FLAVORS & FRAGRANCE	IFF
INTRA CELLULAR THERAPIES	ITCI
INTRALINKS HLDGS INC	IL
INTRAWEST RSRTS HLDG INC	SNOW
INTREXON CORP	XON
INTUIT	INTU
JUNIPER NETWORKS INC	JNPR
JUNO THERAPEUTICS INC	JUNO
K12 INC	LRN
K2M GROUP HLDGS INC	KTWO
KADANT INC	KAI
KAISER ALUMINUM CORP	KALU
KAMAN CORP	KAMN
KANSAS CITY SOUTHERN	KSU
KAPSTONE PAPER AND PACK	KS
KAR AUCTION SERVICES INC	KAR
KARYOPHARM THERAPEUTICS	KPTI
KATE SPADE & CO	KATE
KB HOME	KBH
KBR INC	KBR
KCG HOLDINGS INC	KCG
KEARNY FINANCIAL CORP	KRNY
KELLOGG CO	K
KELLY SERVICES INC	KELYA
KEMPER CORPORATION	KMPR
KENNAMETAL INC	KMT
KENNEDY-WILSON HLDGS INC	KW
KERYX BIOPHARMACEUTICALS	KERX
KEYCORP	KEY
KEYSIGHT TECHNOLOGIES	KEYS
KEYW HOLDING CORP	KEYW
KFORCE INC	KFRC
KILROY REALTY CORP	KRC
KIMBALL ELECTRONICS INC	KE
KIMBALL INTERNATIONAL	KBAL
KIMBERLY CLARK CORP	KMB
KIMCO REALTY CORP	KIM
KINDER MORGAN INC	KMI
KINDRED HEALTHCARE INC	KND
KIRBY CORP	KEX
KIRKLANDS INC	KIRK
KITE PHARMA INC	KITE

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Company	Ticker
JAKKS PACIFIC INC	JAKK
JAMBA INC	JMBA
JAMES RIVER GROUP HLDG	JRVR
JANUS CAPITAL GROUP INC	JNS
JB HUNT TRANS SVCS INC	JBHT
JETBLUE AIRWAYS CORP	JBLU
JIVE SOFTWARE INC	JIVE
JOHN BEAN TECH CORP	JBT
JOHNSON & JOHNSON	JNJ
JOHNSON CONTROLS INC	JCI
JOHNSON OUTDOORS INC	JOUT
JONES ENERGY INC	JONE
JONES LANG LASALLE INC	JLL
JOY GLOBAL INC	JOY
JPMORGAN CHASE & CO	JPM
KRATON PERF POLYMERS	KRA
KRATOS DEFENSE & SEC SOL	KTOS
KRISPY KREME DOUGHNUTS	KKD
KROGER CO	KR
KRONOS WORLDWIDE INC	KRO
KVH INDUSTRIES INC	KVHI
L BRANDS INC	LB
L-3 COMMUNICATIONS HLDGS	LLL
LA JOLLA PHARMACEUTICAL	LJPC
LA QUINTA HLDGS INC	LQ
LA Z BOY INC	LZB
LABORATORY CORP OF AMER	LH
LADDER CAPITAL CORP	LADR
LADENBURG THALMAN FIN	LTS
LAKE SUNAPEE BANK GROUP	LSBG
LAKELAND BANCORP INC	LBAI
LAKELAND FINANCIAL CORP	LKFN
LAM RESEARCH CORP	LRCX
LAMAR ADVERTISING CO	LAMR
LANCASTER COLONY CORP	LANC
LANDAUER INC	LDR
LANDEC CORP	LNDC
LANDS END INC	LE
LANDSTAR SYSTEMS INC	LSTR
LANNETT CO INC	LCI
LAREDO PETROLEUM INC	LPI
LAS VEGAS SANDS CORP	LVS
LASALLE HOTEL PROPERTIES	LHO
LATTICE SEMICONDUCTOR	LSCC
LAWSON PRODUCTS INC	LAWS
LAYNE CHRISTENSEN CO	LAYN
LAZARD LTD	LAZ
LCNB CORP	LCNB

Company	Ticker
KITE REALTY GROUP TRUST	KRG
KLA-TENCOR CORP	KLAC
KLX INC	KLXI
KMG CHEMICALS INC	KMG
KNIGHT TRANSPORTATION	KNX
KNOLL INC	KNL
KNOWLES CORPORATION	KN
KOHLS CORP	KSS
KONA GRILL INC	KONA
KOPIN CORP	KOPN
KOPPERS HOLDINGS INC	KOP
KORN FERRY INTERNATIONAL	KFY
KOSMOS ENERGY LTD	KOS
LEXMARK INTERNATIONAL	LXK
LGI HOMES INC	LGIH
LHC GROUP INC	LHCG
LIBBEY INC	LBY
LIBERTY BRAVES SERIES A	BATRA
LIBERTY BRAVES SERIES C	BATRK
LIBERTY BROADBAND CL A	LBRDA
LIBERTY BROADBAND CL C	LBRDK
LIBERTY INTERACTIVE QVC	QVCA
LIBERTY MEDIA CORP CL A	LMCA
LIBERTY MEDIA CORP CL C	LMCK
LIBERTY PROPERTY TRUST	LPT
LIBERTY SIRIUSXM SER A	LSXMA
LIBERTY SIRIUSXM SER C	LSXMK
LIBERTY TAX INC	TAX
LIBERTY TRIPADVISOR HLDG	LTRPA
LIBERTY VENTURES	LVNTA
LIFELOCK INC	LOCK
LIFEPOINT HEALTH INC	LPNT
LIFETIME BRANDS INC	LCUT
LIFEVANTAGE CORP	LFVN
LIFEWAY FOODS INC	LWAY
LIGAND PHARMACEUTICALS	LGND
LILLY ELI & CO	LLY
LIMELIGHT NETWORKS INC	LLNW
LIMONEIRA CO	LMNR
LINCOLN ELECTRIC HLDGS	LECO
LINCOLN NATIONAL CORP	LNC
LINDBLAD EXPEDITIONS INC	LIND
LINDSAY CORP	LNN
LINEAR TECHNOLOGY CO	LLTC
LINKEDIN CORP	LNKD
LION BIOTECHNOLOGIES INC	LBIO
LIONBRIDGE TECHNOLOGIES	LIOX
LIONS GATE ENTMNT CORP	LGF

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Membership list

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Company	Tieker
	Ticker
LDR HOLDING CORPORATION	LDRH
LEAR CORP	LEA
LEGACYTEXAS FIN GROUP	LTXB
LEGG MASON INC	LM
LEGGETT & PLATT INC	LEG
LEIDOS HOLDINGS INC	LDOS
LEMAITRE VASCULAR INC	LMAT
LENDINGCLUB CORPORATION	LC
LENDINGTREE INC	TREE
LENNAR CORP CL A	LEN
LENNAR CORP CL B	LEN.B
LENNOX INTERNATIONAL INC	LII
LEUCADIA NATIONAL CORP	LUK
LEVEL 3 COMMUNICATIONS	LVLT
LEXICON PHARMACEUTICALS	LXRX
LEXINGTON REALTY TRUST	LXP
LOXO ONCOLOGY INC	LOXO
LPL FINANCIAL HOLDINGS	LPLA
LSB INDUSTRIES INC	LXU
LSI INDUSTRIES INC	LYTS
LTC PROPERTIES INC	LTC
LUBYS INC	LUB
LULULEMON ATHLETICA INC	LULU
LUMBER LIQUIDATORS HLDGS	LL
LUMENTUM HOLDINGS INC	LITE
LUMINEX CORP	LMNX
LUMOS NETWORKS CORP	LMOS
LYDALL INC	LDL
LYONDELLBASELL INDS	LYB
M & T BANK CORP	MTB
M/I HOMES INC	MHO
MACATAWA BANK CORP	MCBC
MACERICH CO	MAC
MACK CALI REALTY CORP	CLI
MACOM TECH SOLUTIONS	MTSI
MACQUARIE INFRASTRUCTURE	MIC
MACROGENICS INC	MGNX
MACYS INC	M
MADDEN STEVEN LTD	SHOO
MADISON SQUARE GARDEN CO	MSG
MAGELLAN HEALTH INC	MGLN
MAIDEN HOLDINGS LTD	MHLD
MAINSOURCE FINANCIAL GRP	MSFG
MAJESCO	MJCO
MALIBU BOATS INC	MBUU
MALLINCKRODT PLC	MNK
MANHATTAN ASSOCS INC	MANH
MANITOWOC CO INC	MTW

Company	Ticker
LIPOCINE INC	LPCN
LIQUIDITY SERVICES INC	LQDT
LITHIA MOTORS INC	LAD
LITTELFUSE INC	LFUS
LIVE NATION ENT INC	LYV
LIVE OAK BANCSHARES INC	LOB
LIVEPERSON INC	LPSN
LKQ CORP	LKQ
LOCKHEED MARTIN CORP	LMT
LOEWS CORP	L
LOGMEIN INC	LOGM
LORAL SPACE & COMM	LORL
LOUISIANA PACIFIC CORP	LPX
LOWES COS INC	LOW
MARRIOTT VAC WORLD CORP	VAC
MARSH & MCLENNAN COS	MMC
MARTEN TRANS LTD	MRTN
MARTIN MARIETTA MTLS	MLM
MARVELL TECHNOLOGY GROUP	MRVL
MASCO CORP	MAS
MASIMO CORPORATION	MASI
MASONITE INTL CORP	DOOR
MASTEC INC	MTZ
MASTERCARD INC	MA
MATADOR RES CO	MTDR
MATCH GROUP INC	MTCH
MATERION CORPORATION	MTRN
MATRIX SERVICE CO	MTRX
MATSON INC	MATX
MATTEL INC	MAT
MATTHEWS INTERNATIONAL	MATW
MATTRESS FIRM HLDG CORP	MFRM
MAXIM INTEGRATED PRODS	MXIM
MAXIMUS INC	MMS
MAXLINEAR INC	MXL
MAXWELL TECHNOLOGIES INC	MXWL
MB FINANCIAL INC	MBFI
MBIA INC	MBI
MBT FINL CORP	MBTF
MCBC HOLDINGS INC	MCFT
MCCORMICK & CO INC	MKC
MCDERMOTT INTL INC	MDR
MCDONALDS CORP	MCD
MCGRATH RENTCORP	MGRC
MCKESSON CORP	MCK
MDC CORP	MDCA
MDC HOLDINGS INC	MDC
MDU RESOURCES GROUP INC	MDU





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Company	Ticker
MANITOWOC FOODSERVICE	MFS
MANNING & NAPIER INC	MN
MANNKIND CORP	MNKD
MANPOWERGROUP	MAN
MANTECH INTERNATIONAL	MANT
MARATHON OIL CORP	MRO
MARATHON PETROLEUM CORP	MPC
MARCHEX INC	MCHX
MARCUS & MILLICHAP	MMI
MARCUS CORP	MCS
MARINE PRODUCTS CORP	MPX
MARINEMAX INC	HZO
MARKEL CORP	MKL
MARKETAXESS HOLDINGS INC	MKTX
MARKETO INC	МКТО
MARLIN BUSINESS SVCS	MRLN
MARRIOTT INTL INC	MAR
MERCANTILE BANK CORP	MBWM
MERCHANTS BANCSHARES	MBVT
MERCK & CO INC	MRK
MERCURY GENERAL CORP	MCY
MERCURY SYSTEMS INC	MRCY
MEREDITH CORP	MDP
MERIDIAN BANCORP INC	EBSB
MERIDIAN BIOSCIENCE INC	VIVO
MERIT MED SYSTEMS INC	MMSI
MERITAGE HOMES CORP	MTH
MERITOR INC	MTOR
MERRIMACK PHARMACEUTICAL	MACK
MESA LABS INC	MLAB
META FINANCIAL GROUP INC	CASH
METALDYNE PERFORM GROUP	MPG
METHODE ELECTRS INC	MEI
METLIFE INC	MET
METTLER TOLEDO INTL INC	MTD
MFA FINANCIAL INC	MFA
MGE ENERGY INC	MGEE
MGIC INVESTMENT CORP	MTG
MGM RESORTS INTL	MGM
MGP INGREDIENTS INC	MGPI
MICHAEL KORS HLDGS LTD	KORS
MICHAELS COS INC/THE	MIK
MICROCHIP TECHNOLOGY	MCHP
MICRON TECHNOLOGY INC	MU
MICROSEMI CORP	MSCC
MICROSOFT CORP	MSFT
MICROSTRATEGY INC	MSTR
MID-AMER APT CMNTYS	MAA

Company	Ticker
MEAD JOHNSON NUTRITION	MJN
MEDGENICS INC	MDGN
MEDIA GENERAL INC	MEG
MEDICAL PROPERTIES TRUST	MPW
MEDICINES CO	MDCO
MEDICINOVA INC	MNOV
MEDIDATA SOLUTIONS INC	MDSO
MEDIFAST INC	MED
MEDIVATION INC	MDVN
MEDLEY MANAGEMENT INC	MDLY
MEDNAX INC	MD
MEDTRONIC PLC	MDT
MEETME INC	MEET
MEMORIAL RESOURCE DEV	MRD
MENTOR GRAPHICS CORP	MENT
MODINE MANUFACTURING CO	MOD
MOELIS & CO	MC
MOHAWK INDUSTRIES INC	MHK
MOLINA HEALTHCARE INC	МОН
MOLSON COORS BREWING CO	TAP
MOMENTA PHARMACEUTICALS	MNTA
MONARCH CASINO & RESORT	MCRI
MONDELEZ INTERNATIONAL	MDLZ
MONEYGRAM INTERNATIONAL	MGI
MONMOUTH REAL ESTATE	MNR
MONOGRAM RESIDENTIAL TR	MORE
MONOLITHIC POWER SYSTEMS	MPWR
MONOTYPE IMAGING HLDG	TYPE
MONRO MUFFLER BRAKE INC	MNRO
MONSANTO CO	MON
MONSTER BEVERAGE CORP	MNST
MONSTER WORLDWIDE INC	MWW
MOODYS CORP	МСО
MOOG INC	MOG.A
MORGAN STANLEY	MS
MORNINGSTAR INC	MORN
MOSAIC COMPANY	MOS
MOTORCAR PTS AMERICA INC	MPAA
MOTOROLA SOLUTIONS INC	MSI
MOVADO GROUP INC	MOV
MRC GLOBAL INC	MRC
MSA SAFETY INC	MSA
MSC INDL DIRECT INC	MSM
MSCI INC	MSCI
MSG NETWORKS INC	MSGN
MTS SYSTEMS CORP	MTSC
MUELLER INDUSTRIES INC	MLI

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Membership list

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Company	Ticker
MIDDLEBURG FINANCIAL	MBRG
MIDDLEBY CORP	MIDD
MIDDLESEX WATER CO	MSEX
MIDLAND STATES BANCORP	MSBI
MIDWESTONE FINL GROUP	MOFG
MILACRON HOLDINGS CORP	MCRN
MILLER INDUSTRIES INC	MLR
MIMEDX GROUP INC	MDXG
MINDBODY INC	MB
MINERALS TECHNOLOGIES	MTX
MINERVA NEUROSCIENCES	NERV
MIRATI THERAPEUTICS INC	MRTX
MISTRAS GROUP INC	MG
MITEK SYS INC	MITK
MKS INSTRUMENTS INC	MKSI
MOBILE MINI INC	MINI
MOBILEIRON INC	MOBL
MODEL N INC	MODN
NASDAQ INC	NDAQ
NATERA INC	NTRA
NATHANS FAMOUS INC	NATH
NATIONAL BANK HOLDINGS	NBHC
NATIONAL BANKSHARES INC	NKSH
NATIONAL BEVERAGE CORP	FIZZ
NATIONAL CINEMEDIA INC	NCMI
NATIONAL COMM CORP	NCOM
NATIONAL FUEL GAS CO	NFG
NATIONAL GEN HLDGS CORP	NGHC
NATIONAL HEALTH INVS INC	NHI
NATIONAL HEALTHCARE CORP	NHC
NATIONAL INSTRS CORP	NATI
NATIONAL INTERSTATE CORP	NATL
NATIONAL OILWELL VARCO	NOV
NATIONAL PRESTO INDS INC	NPK
NATIONAL RESEARCH CORP	NRCIA
NATIONAL RETAIL PPTYS	NNN
NATIONAL STORAGE AFFIL	NSA
NATIONAL WESTERN LIFE	NWLI
NATIONSTAR MTG HLDGS INC	NSM
NATURAL GAS SERVICES GRP	NGS
NATURAL GROCERS VITA CTG	NGVC
NATURAL HEALTH TRENDS CO	NHTC
NATURES SUNSHINE PRODS	NATR
NATUS MEDICAL INC	BABY
NAUTILUS INC	NLS
NAVIENT CORPORATION	NAVI
NAVIGANT CONSULTING INC	NCI
NAVIGATORS GROUP INC	NAVG
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NIC INC EGOV NICOLET BANKSHARES INC NCBS NIELSEN HOLDINGS PLC NLSN NII HOLDINGS INC NIHD NIKE INC NKE NIMBLE STORAGE INC NMBL	NEXSTAR BROADCASTING GRP	NXST
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NIKE INC NKE NIMBLE STORAGE INC NMBL	NIELSEN HOLDINGS PLC	NLSN
NIMBLE STORAGE INC NMBL	NII HOLDINGS INC	NIHD
	NIKE INC	NKE
NISOURCE INC NI	NIMBLE STORAGE INC	NMBL
	NISOURCE INC	NI



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Company	Ticker
NAVIOS MARITIME ACQUIS	NNA
NAVISTAR INTL CORP	NAV
NBT BANCORP INC	NBTB
NCI BUILDING SYSTEMS INC	NCS
NCI INC	NCIT
NCR CORP	NCR
NEENAH PAPER INC	NP
NEFF CORP	NEFF
NEKTAR THERAPEUTICS	NKTR
NELNET INC	NNI
NEOGEN CORP	NEOG
NEOGENOMICS INC	NEO
NEOPHOTONICS CORP	NPTN
NEOS THERAPEUTICS INC	NEOS
NETAPP INC	NTAP
NETFLIX INC	NFLX
NETGEAR INC	NTGR
NETSCOUT SYSTEMS INC	NTCT
NETSUITE INC	N
NORTHSTAR ASSET MGMT GRP	NSAM
NORTHSTAR REALTY EUROPE	NRE
NORTHSTAR REALTY FINANCE	NRF
NORTHWEST BANCSHARES INC	NWBI
NORTHWEST NATURAL GAS CO	NWN
NORTHWESTERN CORP	NWE
NORWEGIAN CRUISE LINE	NCLH
NOVANTA INC	NOVT
NOVAVAX INC	NVAX
NOVOCURE LTD	NVCR
NOW INC	DNOW
NRG ENERGY INC	NRG
NRG YIELD INC CL A	NYLD.A
NRG YIELD INC CL C	NYLD
NU SKIN ENTERPRISES	NUS
NUANCE COMMUNICATIONS	NUAN
NUCOR CORP	NUE
NUMEREX CORP	NMRX
NUTRACEUTICAL INTL CORP	NUTR
NUTRI SYSTEM INC	NTRI
NUVASIVE INC	NUVA
NV5 GLOBAL INC	NVEE
NVE CORP	NVEC
NVIDIA CORP	NVDA
NVR INC	NVR
NXSTAGE MEDICAL INC	NXTM
O REILLY AUTOMOTIVE INC	ORLY
OASIS PETE INC	OAS
OCCIDENTAL PETE CORP	OXY

Company	Ticker
NL INDUSTRIES INC	NL
NMI HLDGS INC	NMIH
NN INC	NNBR
NOBILIS HEALTH CORP	HLTH
NOBLE CORPORATION PLC	NE
NOBLE ENERGY INC	NBL
NOODLES & COMPANY	NDLS
NORDIC AMERICAN TANKER	NAT
NORDSON CORP	NDSN
NORDSTROM INC	JWN
NORFOLK SOUTHERN CORP	NSC
NORTEK INC	NTK
NORTHERN OIL & GAS INC	NOG
NORTHERN TRUST CORP	NTRS
NORTHFIELD BANCORP INC	NFBK
NORTHRIM BANCORP INC	NRIM
NORTHROP GRUMMAN CORP	NOC
OMEGA HEALTHCARE INVS	OHI
OMEGA PROTEIN CORP	OME
OMEROS CORP	OMER
OMNICELL INC	OMCL
OMNICOM GROUP INC	OMC
OMNOVA SOLUTIONS INC	OMN
ON ASSIGNMENT INC	ASGN
ON DECK CAPITAL INC	ONDK
ON SEMICONDUCTOR CORP	ON
ONCOMED PHARMACEUTICALS	OMED
ONE GAS INC	OGS
ONE LIBERTY PROPERTIES	OLP
ONEBEACON INSURANCE GRP	ОВ
ONEMAIN HOLDINGS INC	OMF
ONEOK INC	OKE
OPHTHOTECH CORP	OPHT
OPKO HEALTH INC	ОРК
OPPENHEIMER HOLDINGS INC	OPY
OPUS BK IRVINE CALIF	ОРВ
ORACLE CORP	ORCL
ORASURE TECHNOLOGIES INC	OSUR
ORBCOMM INC	ORBC
ORBITAL ATK INC	OA
ORCHID ISLAND CAPITAL	ORC
ORCHIDS PAPER PRODS COMP	TIS
ORGANOVO HLDGS INC	ONVO
ORION GROUP HOLDINGS	ORN
ORITANI FINANCIAL CORP	ORIT
ORMAT TECHNOLOGIES INC	ORA
ORMAT TECHNOLOGIES INC ORRSTOWN FINL SVCS INC	ORA



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Company	
Company	Ticker
OCEANEERING INTL INC	OII
OCEANFIRST FINANCIAL	OCFC
OCLARO INC	OCLR
OCULAR THERAPEUTIX INC	OCUL
OCWEN FINANCIAL CORP	OCN
OFFICE DEPOT INC	ODP
OFG BANCORP	OFG
OGE ENERGY CORP	OGE
OIL DRI CORP OF AMERICA	ODC
OIL STATES INTERNATIONAL	OIS
OLD DOMINION FREIGHT	ODFL
OLD LINE BANCSHARES INC	OLBK
OLD NATIONAL BANCORP	ONB
OLD REPUBLIC INTL CORP	ORI
OLD SECOND BANCORP INC	OSBC
OLIN CORP	OLN
OLLIES BARGAIN OUTLET	OLLI
OLYMPIC STEEL INC	ZEUS
OM ASSET MANAGEMENT	OMAM
OMEGA FLEX INC	OFLX
PACCAR INC	PCAR
PACIFIC BIOSCIENCES CA	PACB
PACIFIC CONTINENTAL CORP	PCBK
PACIFIC ETHANOL INC	PEIX
PACIFIC MERCANTILE BANCO	PMBC
PACIFIC PREMIER BANCORP	PPBI
PACIRA PHARMACEUTICALS	PCRX
PACKAGING CORP OF AMER	PKG
PACWEST BANCORP	PACW
PALO ALTO NETWORKS INC	PANW
PANDORA MEDIA INC	Р
PANERA BREAD CO	PNRA
PANHANDLE OIL AND GAS	PHX
PAPA JOHNS INTERNATIONAL	PZZA
PAR PACIFIC HOLDINGS INC	PARR
PARAMOUNT GROUP INC	PGRE
PARATEK PHARMACEUTICALS	PRTK
PAREXEL INTERNATIONAL	PRXL
PARK CITY GROUP INC	PCYG
PARK ELECTROCHEMICAL	PKE
PARK NATIONAL CORP	PRK
PARK OHIO HOLDINGS CORP	РКОН
PARK STERLING CORP	PSTB
PARKER DRILLING CO	PKD
PARKER HANNIFIN CORP	PH
PARKWAY PROPERTIES INC	PKY
PARSLEY ENERGY INC	PE
PARTY CITY HOLDCO INC	PRTY

Company	Ticker
OSHKOSH CORP	OSK
OSI SYSTEMS INC	OSIS
OSIRIS THERAPEUTICS	OSIR
OTONOMY INC	OTIC
OTTER TAIL CORP	OTTR
OUTERWALL INC	OUTR
OUTFRONT MEDIA INC	OUT
OVASCIENCE INC	OVAS
OVERSEAS SHIPHOLDING INC	OSG
OVERSTOCK COM INC	OSTK
OWENS & MINOR INC	OMI
OWENS CORNING	ОС
OWENS ILLINOIS INC	OI
OWENS RLTY MTG INC	ORM
OXFORD IMMUNOTEC GLOBAL	OXFD
OXFORD INDUSTRIES INC	OXM
P A M TRANSN SVCS INC	PTSI
P C CONNECTION	PCCC
PENNYMAC FINL SVCS INC	PFSI
PENNYMAC MORTGAGE INV	PMT
PENSKE AUTOMOTIVE GROUP	PAG
PENTAIR PLC	PNR
PENUMBRA INC	PEN
PEOPLES BANCORP INC	PEBO
PEOPLES FINL SVCS CORP	PFIS
PEOPLES UNITED FINANCIAL	PBCT
PEOPLES UTAH BANCORP	PUB
PEPSICO INC	PEP
PERFICIENT INC	PRFT
PERFORMANCE FOOD GROUP	PFGC
PERFORMANCE SPORTS GROUP	PSG
PERKINELMER INC	PKI
PERRIGO CO PLC	PRGO
PETMED EXPRESS INC	PETS
PFENEX INC	PFNX
PFIZER INC	PFE
PFSWEB INC	PFSW
PG&E CORP	PCG
PGT INC	PGTI
PHARMATHENE INC	PIP
PHARMERICA CORP	PMC
PHH CORPORATION	PHH
PHI INC	PHIIK
PHIBRO ANIMAL HEALTH	PAHC
PHILIP MORRIS INTL	PM
PHILLIPS 66	PSX
PHOTRONICS INC	PLAB
PHYSICIANS REALTY TRUST	DOC



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Company	
Company	Ticker
PATRICK INDS INC	PATK
PATRIOT NATIONAL INC	PN
PATTERN ENERGY GROUP INC	PEGI
PATTERSON COS INC	PDCO
PATTERSON UTI ENERGY	PTEN
PAYCHEX INC	PAYX
PAYCOM SOFTWARE INC	PAYC
PAYLOCITY HLDG CORP	PCTY
PAYPAL HOLDINGS INC	PYPL
PBF ENERGY INC	PBF
PDC ENERGY INC	PDCE
PDF SOLUTIONS INC	PDFS
PDL BIOPHARMA INC	PDLI
PDVWIRELESS INC	PDVW
PEAPACK-GLADSTONE FINL	PGC
PEBBLEBROOK HOTEL TRUST	PEB
PEGASYSTEMS INC	PEGA
PENN NATIONAL GAMING INC	PENN
PENNEY J C INC	JCP
PENNS WOODS BANCORP INC	PWOD
PENNSYLVANIA REAL ESTATE	PEI
PLUG POWER INC	PLUG
PLY GEM HLDGS INC	PGEM
PNC FINANCIAL SVCS GROUP	PNC
PNM RESOURCES INC	PNM
POLARIS INDUSTRIES INC	PII
POLYCOM INC	PLCM
POLYONE CORP	POL
POOL CORP	POOL
POPEYES LOU KITCHEN INC	PLKI
POPULAR INC	ВРОР
PORTLAND GEN ELEC CO	POR
PORTOLA PHARMACEUTICALS	PTLA
POST HOLDINGS INC	POST
POST PROPERTIES INC	PPS
POTBELLY CORPORATION	PBPB
POTLATCH CORP	PCH
POWELL INDUSTRIES INC	POWL
POWER INTEGRATIONS INC	POWI
POWER SOLUTIONS INTL INC	PSIX
PPG INDUSTRIES INC	PPG
PPL CORP	PPL
PRA GROUP INC	PRAA
PRA HEALTH SCIENCES INC	PRAH
PRAXAIR INC	PX
PREFERRED APT CMNTYS INC	APTS
PREFERRED BANK	PFBC
PREFORMED LINE PRODUCTS	PLPC

Company	Ticker
PICO HOLDINGS INC	PICO
PIEDMONT NAT GAS INC	PNY
PIEDMONT OFFICE RLTY TR	PDM
PIER 1 IMPORTS INC	PIR
PILGRIMS PRIDE CORP	PPC
PINNACLE ENTERTAINMENT	PNK
PINNACLE FINANCIAL	PNFP
PINNACLE FOODS INC	PF
PINNACLE WEST CAPITAL CO	PNW
PIONEER ENERGY SERVICES	PES
PIONEER NAT RESOURCES CO	PXD
PIPER JAFFRAY COMPANIES	PJC
PITNEY BOWES INC	PBI
PJT PARTNERS INC	PJT
PLANET FITNESS INC	PLNT
PLANET PAYMENT INC	PLPM
PLANTRONICS INC	PLT
PLATFORM SPECIALTY PRODS	PAH
PLEXUS CORP	PLXS
PROTO LABS INC	PRLB
PROVIDENCE SERVICE CORP	PRSC
PROVIDENT BANCORP INC	PVBC
PROVIDENT FINANCIAL SVCS	PFS
PROVIDENT FINL HLDGS INC	PROV
PRUDENTIAL FINANCIAL INC	PRU
PS BUSINESS PARKS INC	PSB
PTC INC	PTC
PTC THERAPEUTICS INC	PTCT
PUBLIC STORAGE INC	PSA
PUBLIC SVC ENTERPRISE	PEG
PULTEGROUP INC	PHM
PUMA BIOTECHNOLOGY INC	PBYI
PURE STORAGE INC	PSTG
PVH CORP	PVH
PZENA INVESTMENT MGMT	PZN
Q2 HLDGS INC	QTWO
QAD INC	QADA
QCR HOLDINGS INC	QCRH
QEP RESOURCES INC	QEP
QIAGEN NV	QGEN
QLIK TECHNOLOGIES INC	QLIK
QLOGIC CORP	QLGC
QORVO INC	QRVO
QTS REALTY TRUST INC	QTS
QUAD / GRAPHICS INC	
QUAKER CHEMICAL CORP	QUAD
	KWR
QUALITY SYSTEMS INC	QCOM
QUALITY SYSTEMS INC	QSII

FTSE Russell

Membership list

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Company	Ticker
PREMIER FINL BANCORP INC	PFBI
PREMIER INC	PINC
PRESS GANEY HLDGS INC	PGND
PRESTIGE BRANDS HOLDINGS	РВН
PRICE T ROWE GROUP INC	TROW
PRICESMART INC	PSMT
PRIMERICA INC	PRI
PRIMO WTR CORP	PRMW
PRIMORIS SVCS CORP	PRIM
PRINCIPAL FINANCIAL GRP	PFG
PRIVATEBANCORP INC	PVTB
PROASSURANCE CORP	PRA
PROCTER & GAMBLE CO	PG
PROGENICS PHARMACEUTICAL	PGNX
PROGRESS SOFTWARE CORP	PRGS
PROGRESSIVE CORP	PGR
PROLOGIS INC	PLD
PROOFPOINT INC	PFPT
PROS HOLDINGS INC	PRO
PROSPERITY BANCSHARES	РВ
PROTEOSTASIS THERA INC	PTI
PROTHENA CORP PLC	PRTA
RAMCO-GERSHENSON PPTYS	RPT
RANGE RESOURCES CORP	RRC
RAPID7 INC	RPD
RAPTOR PHARMACEUTICAL	RPTP
RAVEN INDUSTRIES INC	RAVN
RAYMOND JAMES FINANCIAL	RJF
RAYONIER ADV MATERIALS	RYAM
RAYONIER INC	RYN
RAYTHEON CO	RTN
RBC BEARINGS INC	ROLL
RE/MAX HOLDINGS INC	RMAX
READING INTERNATIONAL	RDI
REAL INDUSTRY INC	RELY
REALNETWORKS INC	RNWK
REALOGY HOLDINGS CORP	RLGY
REALPAGE INC	RP
REALTY INCOME CORP	0
REATE PHARMACEUTICALS	RETA
RED HAT INC	RHT
RED LION HOTELS CORP	RLH
RED ROBIN GOURMET BURGER	RRGB
RED ROCKS RESORTS INC	RRR
REDWOOD TRUST INC	RWT
REGAL BELOIT CORP	RBC
REGAL ENTMT GROUP	RGC
REGENCY CENTERS CORP	REG

Company	Ticker
QUALYS INC	QLYS
QUANEX BUILDING PRODUCTS	NX
QUANTA SERVICES INC	PWR
QUEST DIAGNOSTICS INC	DGX
QUESTAR CORP	STR
QUIDEL CORP	QDEL
QUINSTREET INC	QNST
QUINTILES TRANSNATIONAL	Q
QUORUM HEALTH CORP	QHC
QUOTIENT TECHNOLOGY INC	QUOT
RACKSPACE HOSTING INC	RAX
RADIAN GROUP INC	RDN
RADIANT LOGISTICS INC	RLGT
RADIO ONE INC	ROIAK
RADISYS CORP	RSYS
RADIUS HEALTH INC	RDUS
RADNET INC	RDNT
RAIT FINANCIAL TRUST	RAS
RALPH LAUREN CORP	RL
RAMBUS INC	RMBS
RETAIL OPPORTUNITY INVTS	ROIC
RETAIL PPTYS AMER INC	RPAI
RETAILMENOT INC	SALE
RETROPHIN INC	RTRX
REVANCE THERAPEUTICS INC	RVNC
REVLON INC	REV
REX AMERICAN RESOURCES	REX
REXFORD INDUSTRIAL RLTY	REXR
REXNORD CORP	RXN
REYNOLDS AMERICAN INC	RAI
RICE ENERGY INC	RICE
RIGEL PHARMACEUTICALS	RIGL
RIGHTSIDE GROUP LTD	NAME
RIGNET INC	RNET
RING ENERGY INC	REI
RINGCENTRAL INC	RNG
RITE AID CORP	RAD
RLI CORP	RLI
RLJ LODGING TR	RLJ
RMR GROUP INC	RMR
ROADRUNNER TRNSN SVCS	RRTS
ROBERT HALF INTL INC	RHI
ROCKWELL AUTOMATION INC	ROK
ROCKWELL COLLINS INC	COL
ROCKWELL MEDICAL INC	RMTI
ROFIN SINAR TECHNOLOGIES	RSTI
ROGERS CORP	ROG
ROLLINS INC	ROL



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Company	Ticker
REGENERON PHARMACEUTICAL	REGN
REGENXBIO INC	RGNX
REGIONAL MGMT CORP	RM
REGIONS FINANCIAL CORP	RF
REGIS CORP	RGS
REGULUS THERAPEUTICS	RGLS
REINSURANCE GRP OF AMER	RGA
REIS INC	REIS
RELIANCE STEEL & ALUM	RS
RELYPSA INC	RLYP
RENAISSANCERE HOLDINGS	RNR
RENASANT CORP	RNST
RENEWABLE ENER GROUP INC	REGI
RENT A CENTER INC	RCII
REPLIGEN CORP	RGEN
REPUBLIC BANCORP INC KY	RBCAA
REPUBLIC FIRST BANCORP	FRBK
REPUBLIC SERVICES INC	RSG
RESMED INC	RMD
RESOURCE AMERICA INC	REXI
RESOURCE CAPITAL CORP	RSO
RESOURCES CONNECTION	RECN
RESTORATION HARDWARE	RH
RYMAN HOSPITALITY PPTYS	RHP
S & T BANCORP INC	STBA
S&P GLOBAL INC	SPGI
SABRA HEALTH CARE REIT	SBRA
SABRE CORP	SABR
SAFEGUARD SCIENTIFICS	SFE
SAFETY INSURANCE GRP INC	SAFT
SAGA COMMUNICATIONS INC	SGA
SAGE THERAPEUTICS INC	SAGE
SAGENT PHARMACEUTICALS	SGNT
SAIA INC	SAIA
SALEM MEDIA GROUP INC	SALM
SALESFORCE COM INC	CRM
SALLY BEAUTY HOLDINGS	SBH
SANCHEZ ENERGY CORP	SN
SANDERSON FARMS INC	SAFM
SANDY SPRING BANCORP	SASR
SANFILIPPO JOHN B & SON	JBSS
SANGAMO BIOSCIENCES INC	SGMO
SANMINA CORPORATION	SANM
SANTANDER CNSMR USA HLDG	sc
SAPIENS INTL CORP NV	SPNS
SAREPTA THERAPEUTICS INC	SRPT
SAUL CENTERS INC	BFS
SBA COMMUNICATIONS CORP	SBAC

Company	
Company	Ticker
ROPER TECHNOLOGIES INC	ROP
ROSETTA STONE INC	RST
ROSS STORES INC	ROST
ROUSE PROPERTIES INC	RSE
ROVI CORPORATION	ROVI
ROWAN COMPANIES PLC	RDC
ROYAL CARIBBEAN CRUISES	RCL
ROYAL GOLD INC	RGLD
RPC INC	RES
RPM INTERNATIONAL INC	RPM
RPX CORP	RPXC
RSP PERMIAN INC	RSPP
RTI SURGICAL INC	RTIX
RUBICON PROJ INC	RUBI
RUBY TUESDAY INC	RT
RUDOLPH TECHNOLOGIES INC	RTEC
RUSH ENTERPRISES INC	RUSHA
RUTH'S HOSPITALITY GROUP	RUTH
RYDER SYSTEM INC	R
RYERSON HOLDING CORP	RYI
SEARS HOMETOWN OUTLET	SHOS
SEATTLE GENETICS INC	SGEN
SEAWORLD ENTMT INC	SEAS
SECOND SIGHT MEDICAL	EYES
SECUREWORKS CORP	SCWX
SEI INVESTMENTS CO	SEIC
SELECT COMFORT CORP	scss
SELECT INCOME REIT	SIR
SELECT MEDICAL HOLDINGS	SEM
SELECTIVE INSURANCE GRP	SIGI
SEMGROUP CORP	SEMG
SEMPRA ENERGY	SRE
SEMTECH CORP	SMTC
SENECA FOODS CORP	SENEA
SENIOR HOUSING PPTYS TR	SNH
SENSEONICS HOLDINGS INC	SENS
SENSIENT TECHNOLOGIES	SXT
SEQUENTIAL BRANDS GROUP	SQBG
SERES THERAPEUTICS INC	MCRB
SERITAGE GROWTH PROP	SRG
SERVICE CORP INTL	SCI
SERVICEMASTER GLOBAL	SERV
SERVICENOW INC	NOW
SERVICESOURCE INTL	SREV
SERVISEIRST BANCSHARES	SFBS
SHAKE SHACK INC	SHAK
SHENANDOAH TELECOMM CO	SHEN
SHERWIN WILLIAMS CO	SHW
SHERWIN WILLIAMS CO	SHW



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SCANA CORP	SCG
SCANSOURCE INC	SCSC
SCHEIN HENRY INC	HSIC
SCHLUMBERGER LTD	SLB
SCHNITZER STEEL INDS	SCHN
SCHOLASTIC CORP	SCHL
SCHULMAN A INC	SHLM
SCHWAB CHARLES CORP	SCHW
SCHWEITZER-MAUDUIT INTL	SWM
SCICLONE PHARMACEUTICALS	SCLN
SCIENCE APPLICATIONS INT	SAIC
SCIENTIFIC GAMES CORP	SGMS
SCIQUEST INC	SQI
SCORPIO BULKERS INC	SALT
SCORPIO TANKERS INC	STNG
SCOTTS MIRACLE-GRO CO	SMG
SCRIPPS E W CO	SSP
SCRIPPS NTWK INTERACTIVE	SNI
SEABOARD CORP	SEB
SEACOAST BANKING CORP FL	SBCF
SEACOR HOLDINGS INC	СКН
SEADRILL LIMITED	SDRL
SEALED AIR CORP	SEE
SEARS HOLDINGS CORP	SHLD
SINCLAIR BROADCAST GROUP	SBGI
SIRIUS XM HOLDINGS INC	SIRI
SITEONE LANDSCAPE SUPPLY	SITE
SIX FLAGS ENTMT CORP	SIX
SJW CORP	SJW
SKECHERS USA INC	SKX
SKYWEST INC	SKYW
SKYWORKS SOLUTIONS INC	SWKS
SL GREEN REALTY CORP	SLG
SLM CORP	SLM
SM ENERGY CO	SM
SMART & FINAL STORES INC	SFS
SMITH & WESSON HOLDING	SWHC
SMITH A O CORP	AOS
SMUCKER J M CO	SJM
SNAP ON INC	SNA
SNYDER'S-LANCE INC	LNCE
SOLARCITY CORP	SCTY
SONIC AUTOMOTIVE INC	SAH
SONIC CORP	SONC
SONOCO PRODUCTS CO	SON
SONUS NETWORKS INC	SONS
SORRENTO THERAPEUTICS	SRNE
SOTHEBYS	BID
-	

Company	Ticker
SHIP FINANCE INTL	SFL
SHOE CARNIVAL INC	SCVL
SHORE BANCSHARES INC	SHBI
SHORETEL INC	SHOR
SHUTTERFLY INC	SFLY
SHUTTERSTOCK INC	SSTK
SI FINANCIAL GROUP	SIFI
SIERRA BANCORP	BSRR
SIGMA DESIGNS INC	SIGM
SIGNATURE BANK	SBNY
SIGNET JEWELERS LTD	SIG
SILGAN HOLDINGS INC	SLGN
SILICOM LTD	SILC
SILICON GRAPHICS INTL	SGI
SILICON LABORATORIES INC	SLAB
SILVER BAY RLTY TR CORP	SBY
SILVER SPRING NETWORKS	SSNI
SILVERCREST ASSET MNGMT	SAMG
SIMMONS FIRST NATIONAL	SFNC
SIMON PROPERTY GROUP INC	SPG
SIMPSON MANUFACTURING	SSD
SPIRIT AEROSYSTEMS	SPR
SPIRIT AIRLS INC	SAVE
SPIRIT RLTY CAP INC	SRC
SPLUNK INC	SPLK
SPOK HOLDINGS INC	SPOK
SPORTSMANS WHSE HLDGS	SPWH
SPRINT CORP	S
SPROUTS FRMRS MKT INC	SFM
SPS COMM INC	SPSC
SPX CORP	SPXC
SPX FLOW INC	FLOW
SQUARE INC	SQ
SS&C TECHNOLOGIES HLDGS	SSNC
ST JOE CO	JOE
ST JUDE MEDICAL INC	STJ
STAAR SURGICAL CO	STAA
STAG INDL INC	STAG
STAGE STORES INC	SSI
STAMPS COM INC	STMP
STANDARD MOTOR PRODUCTS	SMP
STANDEX INTERNATIONAL	SXI
STANLEY BLACK & DECKER	SWK
STAPLES INC	SPLS
STARBUCKS CORP	SBUX
STARWOOD HOTELS & RESRTS	НОТ
STARWOOD PPTY TRUST INC	STWD
STARZ	STRZA



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Commonit	
Company	Ticker
SOUTH JERSEY INDUSTRIES	SJI
SOUTH STATE CORPORATION	SSB
SOUTHERN CO	so
SOUTHERN COPPER CORP	scco
SOUTHERN FIRST BANCSHARE	SFST
SOUTHERN MO BANCORP INC	SMBC
SOUTHERN NATL BANCORP	SONA
SOUTHSIDE BANCSHARES INC	SBSI
SOUTHWEST AIRLINES CO	LUV
SOUTHWEST BANCORP INC OK	OKSB
SOUTHWEST GAS CORP	SWX
SOUTHWESTERN ENERGY CO	SWN
SOVRAN SELF STORAGE	SSS
SP PLUS CORPORATION	SP
SPARK ENERGY INC	SPKE
SPARK THERAPEUTICS INC	ONCE
SPARTAN MOTORS INC	SPAR
SPARTANNASH COMPANY	SPTN
SPARTON CORP	SPA
SPECTRA ENERGY CORP	SE
SPECTRANETICS CORP	SPNC
SPECTRUM BRANDS HOLDINGS	SPB
SPECTRUM PHARMACEUTICALS	SPPI
SPEEDWAY MOTORSPORTS INC	TRK
SPIRE INC	SR
STRAYER EDUCATION INC	STRA
STRYKER CORP	SYK
STURM RUGER & CO INC	RGR
SUCAMPO PHARMA	SCMP
SUFFOLK BANCORP	SCNB
SUMMIT FINANCIAL GROUP	SMMF
SUMMIT HOTEL PPTYS	INN
SUMMIT MATLS INC	SUM
SUN BANCORP INC NJ	SNBC
SUN COMMUNITIES INC	SUI
SUN HYDRAULICS CORP	SNHY
SUNCOKE ENERGY INC	SXC
SUNPOWER CORP	SPWR
SUNRUN INC	RUN
SUNSTONE HOTEL INVS INC	SHO
SUNTRUST BANKS INC	STI
SUPER MICRO COMPUTER INC	SMCI
SUPERIOR ENERGY SERVICES	SPN
SUPERIOR INDUSTRIES INTL	SUP
SUPERIOR UNIFORM GROUP	SGC
SUPERNUS PHARMACEUTICALS	SUPN
SUPERVALU INC	SVU
SUPREME INDS INC	STS

Company	Ticker
STATE AUTO FINANCIAL	STFC
STATE BK FINL CORP	STBZ
STATE NATIONAL COMPANIES	SNC
STATE STREET CORP	STT
STEEL DYNAMICS INC	STLD
STEELCASE INC	SCS
STEIN MART INC	SMRT
STEMLINE THERAPEUTICS	STML
STEPAN CO	SCL
STERICYCLE INC	SRCL
STERLING BANCORP	STL
STEWART INFORMATION	STC
STIFEL FINANCIAL CORP	SF
STILLWATER MINING CO	SWC
STOCK YARDS BANCORP INC	SYBT
STONEGATE BANK	SGBK
STONERIDGE INC	SRI
STORE CAPITAL CORP	STOR
STRAIGHT PATH COMM INC	STRP
STRATASYS LTD	SSYS
STRATTEC SEC CORP	STRT
STRATUS PPTYS INC	STRS
TAILORED BRANDS INC	TLRD
TAKE-TWO INTERACTIVE	TTWO
TAL INTERNATIONAL GROUP	TAL
TALEN ENERGY CORP	TLN
TALMER BANCORP INC	TLMR
TANDEM DIABETES CARE INC	TNDM
TANGER FACTORY OUTLET	SKT
TANGOE INC	TNGO
TARGA RESOURCES INC	TRGP
TARGET CORP	TGT
TASER INTL INC	TASR
TAUBMAN CENTERS INC	TCO
TAYLOR MORRISON HOME	ТМНС
TCF FINANCIAL CORP	ТСВ
TD AMERITRADE HOLDING	AMTD
TEAM HEALTH HOLDINGS INC	ТМН
TEAM INC	TISI
TECH DATA CORP	TECD
TECHTARGET INC	TTGT
TECO ENERGY INC	TE
TEEKAY CORP	TK
TEEKAY TANKERS LTD	TNK
TEGNA INC	TGNA
TEJON RANCH CO	TRC
TELADOC INC	TDOC
TELEDYNE TECHNOLOGIES	TDY



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Company	
Company	Ticker
SURGERY PARTNERS INC	SGRY
SURGICAL CARE AFFILIATES	SCAI
SURMODICS INC	SRDX
SVB FINANCIAL GROUP	SIVB
SWIFT TRANSN CO	SWFT
SYKES ENTERPRISES INC	SYKE
SYMANTEC CORP	SYMC
SYMMETRY SURGICAL INC	SSRG
SYNAPTICS INC	SYNA
SYNCHRONOSS TECHNOLOGY	SNCR
SYNCHRONY FINANCIAL	SYF
SYNDAX PHARMACEUTICALS	SNDX
SYNERGY PHARMACEUTICALS	SGYP
SYNERGY RES CORP	SYRG
SYNNEX CORP	SNX
SYNOPSYS INC	SNPS
SYNOVUS FINANCIAL CORP	SNV
SYNTEL INC	SYNT
SYNTHETIC BIOLOGICS INC	SYN
SYNUTRA INTL INC	SYUT
SYSCO CORP	SYY
SYSTEMAX INC	SYX
T2 BIOSYSTEMS INC	TTOO
TABLEAU SOFTWARE INC	DATA
TAHOE RES INC	TAHO
TETRA TECHNOLOGIES INC	TTI
TETRAPHASE PHARMA INC	TTPH
TEXAS CAPITAL BANCSHARES	ТСВІ
TEXAS INSTRUMENTS INC	TXN
TEXAS ROADHOUSE INC	TXRH
TEXTAINER GROUP HLDGS	TGH
TEXTRON INC	TXT
TFS FINL CORP	TFSL
TG THERAPEUTICS INC	TGTX
THE CHEMOURS COMPANY	CC
THE CONTAINER STORE GRP	TCS
THE KRAFT HEINZ COMPANY	KHC
THE PRICELINE GROUP INC	PCLN
THE WENDY'S COMPANY	WEN
THERAPEUTICSMD INC	TXMD
THERAVANCE BIOPHARMA INC	ТВРН
THERMO FISHER SCIENTIFIC	TMO
THERMON GROUP HLDGS INC	THR
THIRD POINT REINSURANCE	TPRE
THOMSON REUTERS CORP	TRI
THOR INDUSTRIES INC	THO
TIDEWATER INC	TDW
TIER REIT INC	TIER

Company	Ticker
TELEFLEX INC	TFX
TELENAV INC	TNAV
TELEPHONE & DATA SYSTEMS	TDS
TELETECH HOLDINGS INC	TTEC
TELIGENT INC	TLGT
TEMPUR SEALY INTL INC	TPX
TENET HEALTHCARE CORP	THC
TENNANT CO	TNC
TENNECO INC	TEN
TERADATA CORP	TDC
TERADYNE INC	TER
TEREX CORP	TEX
TERRAFORM GLOBAL INC	GLBL
TERRAFORM POWER INC	TERP
TERRAVIA HOLDINGS	TVIA
TERRENO REALTY CORP	TRNO
TERRITORIAL BANCORP INC	TBNK
TESARO INC	TSRO
TESCO CORP	TESO
TESLA MTRS INC	TSLA
TESORO CORP	TSO
TESSERA TECHNOLOGIES INC	TSRA
TETRA TECH INC	TTEK
TRANSDIGM GROUP INC	TDG
TRANSENTERIX INC	TRXC
TRANSOCEAN LTD	RIG
TRANSUNION	TRU
TRAVELERS COS INC	TRV
TRAVELPORT WORLDWIDE LTD	TVPT
TRC COS INC	TRR
TRECORA RESOURCES	TREC
TREDEGAR CORP	TG
TREEHOUSE FOODS INC	THS
TREVENA INC	TRVN
TREX INC	TREX
TRI POINTE GROUP INC	TPH
TRIBUNE MEDIA CO	TRCO
TRICO BANCSHARES	ТСВК
TRIMAS CORP	TRS
TRIMBLE NAVIGATION LTD	TRMB
TRINET GROUP INC	TNET
TRINITY INDUSTRIES INC	TRN
TRINITY PLACE HOLDINGS	TPHS
TRINSEO SA	TSE
TRIPADVISOR INC	TRIP
TRIPLE-S MANAGEMENT CORP	GTS
TRISTATE CAP HLDGS INC	TSC
TRIUMPH BANCORP INC	ТВК
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Membership list

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Company	
Company	Ticker
TIFFANY & CO	TIF
TILE SHOP HLDGS INC	TTS
TILLYS INC	TLYS
TIME INC	TIME
TIME WARNER INC	TWX
TIMKEN CO	TKR
TIMKENSTEEL CORPORATION	TMST
TIPTREE FINANCIAL INC	TIPT
TITAN INTERNATIONAL INC	TWI
TITAN MACHINERY INC	TITN
TITAN PHARMACEUTICALS	TTNP
TIVO INC	TIVO
TJX COMPANIES INC	TJX
T-MOBILE US INC	TMUS
TOBIRA THERAPEUTICS INC	TBRA
TOKAI PHARMACEUTICALS	TKAI
TOLL BROTHERS INC	TOL
TOMPKINS FINANCIAL CORP	TMP
TOOTSIE ROLL INDUSTRIES	TR
TOPBUILD CORP	BLD
TORCHMARK CORP	TMK
TORO CO	TTC
TOTAL SYSTEM SERVICES	TSS
TOWER INTERNATIONAL INC	TOWR
TOWNEBANK PORTSMOUTH VA	TOWN
TOWNSQUARE MEDIA INC	TSQ
TRACTOR SUPPLY CO	TSCO
U S SILICA HLDGS INC	SLCA
UBIQUITI NETWORKS INC	UBNT
UCP INC	UCP
UDR INC	UDR
UFP TECHNOLOGIES INC	UFPT
UGI CORP	UGI
ULTA SALON COSMETICS	ULTA
ULTIMATE SOFTWARE GROUP	ULTI
ULTRA CLEAN HOLDINGS INC	UCTT
ULTRAGENYX PHARMA	RARE
ULTRATECH INC	UTEK
UMB FINANCIAL CORP	UMBF
UMH PROPERTIES INC	UMH
UMPQUA HOLDINGS CORP	UMPQ
UNDER ARMOUR CLASS A	UA
UNDER ARMOUR CLASS C	UA.C
UNIFI INC	UFI
UNIFIRST CORP MASS	UNF
UNION BANKSHARES CORP	UBSH
UNION BANKSHARES INC	UNB
UNION PACIFIC CORP	UNP

Company	Ticker
TRIUMPH GROUP INC	TGI
TRONC INC	TRNC
TRONOX LTD	TROX
TROVAGENE INC	TROV
TRUEBLUE INC	TBI
TRUECAR INC	TRUE
TRUPANION INC	TRUP
TRUSTCO BANK CORP NY	TRST
TRUSTMARK CORP	TRMK
TTM TECHNOLOGIES INC	TTMI
TUBEMOGUL INC	TUBE
TUESDAY MORNING CORP	TUES
TUMI HLDGS INC	TUMI
TUPPERWARE BRANDS CORP	TUP
TURNING POINT BRANDS INC	ТРВ
TUTOR PERINI CORP	TPC
TWITTER INC	TWTR
TWO HBRS INVT CORP	TWO
TYCO INTERNATIONAL PLC	TYC
TYLER TECHNOLOGIES INC	TYL
TYSON FOODS INC	TSN
U S CONCRETE INC	USCR
U S G CORP	USG
U S PHYSICAL THERAPY INC	USPH
UNIVERSAL HEALTH SVCS	UHS
UNIVERSAL INSURANCE	UVE
UNIVERSAL LOGISTICS HLDG	ULH
UNIVEST CORP OF PENN	UVSP
UNUM GROUP	UNM
URBAN EDGE PROPERTIES	UE
URBAN OUTFITTERS INC	URBN
URSTADT BIDDLE PPTYS INS	UBA
US BANCORP	USB
US ECOLOGY INC	ECOL
US FOODS HOLDING CORP	USFD
USA TECHNOLOGIES INC	USAT
USA TRUCK INC	USAK
USANA HEALTH SCIENCES	USNA
USMD HLDGS INC	USMD
UTAH MED PRODS INC	UTMD
V F CORP	VFC
VAIL RESORTS INC	MTN
VALERO ENERGY CORP	VLO
VALHI INC	VHI
VALIDUS HOLDINGS LTD	VR
VALLEY NATIONAL BANCORP	VLY
VALMONT INDUSTRIES INC	VMI





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Company	Ticker
UNIQUE FABRICATING INC	UFAB
UNISYS CORP	UIS
UNIT CORP	UNT
UNITED BANKSHARES INC	UBSI
UNITED CMNTY FINL CO	UCFC
UNITED COMMUNITY BANKS	UCBI
UNITED CONTINENTAL HLDGS	UAL
UNITED FINANCIAL BANCORP	UBNK
UNITED FIRE GROUP INC	UFCS
UNITED INS HLDGS CORP	UIHC
UNITED NATURAL FOODS INC	UNFI
UNITED ONLINE INC	UNTD
UNITED PARCEL SERVICE	UPS
UNITED RENTALS INC	URI
UNITED STATES CELLULAR	USM
UNITED STATES LIME & MIN	USLM
UNITED STATES STEEL CORP	Х
UNITED TECHNOLOGIES	UTX
UNITED THERAPEUTICS	UTHR
UNITEDHEALTH GROUP INC	UNH
UNITIL CORP	UTL
UNIVAR INC	UNVR
UNIVERSAL AMERICAN CORP	UAM
UNIVERSAL CORP	UVV
UNIVERSAL DISPLAY CORP	OLED
UNIVERSAL ELECTRONICS	UEIC
UNIVERSAL FOREST PRODS	UFPI
UNIVERSAL HEALTH REALTY	UHT
VERTEX PHARMACEUTICALS	VRTX
VIACOM INC CL A	VIA
VIACOM INC CL B	VIAB
VIAD CORP	VVI
VIASAT INC	VSAT
VIAVI SOLUTIONS INC	VIAV
VICOR CORP	VICR
VIEWRAY INC	VRAY
VILLAGE SUPER MARKET INC	VLGEA
VINCE HOLDING CORP	VNCE
VIRGIN AMERICA INC	VA
VIRNETX HOLDING CORP	VHC
VIRTU FINL INC	VIRT
VIRTUS INVESTMENT PTNRS	VRTS
VIRTUSA CORP	VRTU
VISA INC	V
VISHAY INTERTECHNOLOGY	VSH
VISHAY PRECISION GROUP	VPG
VISTA OUTDOOR INC	VSTO
VISTEON CORP	VC

Company	Ticker
VALUE LINE INC	VALU
VANDA PHARMACEUTICALS	VNDA
VANTIV INC	VNTV
VARIAN MEDICAL SYSTEMS	VAR
VARONIS SYSTEMS INC	VRNS
VASCO DATA SECURITY INTL	VDSI
VASCULAR SOLUTIONS INC	VASC
VCA INC	WOOF
VECTOR GROUP LTD	VGR
VECTREN CORP	VVC
VECTRUS INC	VEC
VEECO INSTRUMENTS INC	VECO
VEEVA SYSTEMS INC	VEEV
VENTAS INC	VTR
VERA BRADLEY INC	VRA
VERACYTE INC	VCYT
VEREIT INC	VER
VERIFONE SYSTEMS INC	PAY
VERINT SYS INC	VRNT
VERISIGN INC	VRSN
VERISK ANALYTICS INC	VRSK
VERITEX HOLDINGS	VBTX
VERITIV CORPORATION	VRTV
VERIZON COMMUNICATIONS	VZ
VERSARTIS INC	VSAR
WASTE MGMT INC	WM
WATERS CORP	WAT
WATERSTONE FINANCIAL INC	WSBF
WATSCO INC	WSO
WATTS WATER TECH INC	WTS
WAVE LIFE SCIENCES LTD	WVE
WAYFAIR INC	W
WCI COMMUNITIES INC	WCIC
WD-40 CO	WDFC
WEATHERFORD INTL PLC	WFT
WEB.COM GROUP INC	WEB
WEBMD HEALTH CORP	WBMD
WEBSTER FINANCIAL CORP	WBS
WEC ENERGY GROUP INC	WEC
WEIGHT WATCHERS INTL INC	WTW
WEINGARTEN RLTY INVS	WRI
WEIS MARKETS INC	WMK
WELLCARE GROUP INC	WCG
WELLS FARGO & CO	WFC
WELLTOWER INC	HCN
	WERN
WERNER ENTERPRISES INC	
WESBANCO INC	WSBC



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Company	Ticker
VITAE PHARMACEUTICALS	VTAE
VITAL THERAPIES INC	VTL
VITAMIN SHOPPE INC	VSI
VIVINT SOLAR INC	VSLR
VMWARE INC	VMW
VOCERA COMMUNICATIONS	VCRA
VONAGE HLDGS CORP	VG
VORNADO REALTY TRUST	VNO
VOYA FINANCIAL INC	VOYA
VOYAGER THERAPEUTICS INC	VYGR
VSE CORP	VSEC
VTV THERAPEAUTICS INC	VTVT
VULCAN MATERIALS CO	VMC
VWR CORPORATION	VWR
W P CAREY INC	WPC
W&T OFFSHORE INC	WTI
WABASH NATIONAL CORP	WNC
WABCO HOLDINGS INC	WBC
WABTEC CORP	WAB
WADDELL & REED FINANCIAL	WDR
WAGEWORKS INC	WAGE
WAL MART STORES INC	WMT
WALGREENS BOOTS ALLIANCE	WBA
WALKER & DUNLOP INC	WD
WALTER INV MGMT CORP	WAC
WASHINGTON FED INC	WAFD
WASHINGTON REAL ESTATE	WRE
WASHINGTON TRUST BANCORP	WASH
WASHINGTONFIRST BANK INC	WFBI
WHOLE FOODS MARKET INC	WFM
WILEY JOHN & SONS INC	JW.A
WILLBROS GROUP INC	WG
WILLIAM LYON HOMES	WLH
WILLIAMS CLAYTON ENERGY	CWEI
WILLIAMS COMPANIES INC	WMB
WILLIAMS SONOMA INC	WSM
WILLIS LEASE FINANCE	WLFC
WILSHIRE BANCORP INC	WIBC
WINDSTREAM HOLDINGS INC	WIN
WINGSTOP INC	WING
WINMARK CORP	WINA
WINNEBAGO INDUSTRIES INC	WGO
WINS FINANCE HOLDINGS	WINS
WINTRUST FINANCIAL CORP	WTFC
WISDOMTREE INVTS INC	WETF
WMIH CORP	WMIH
WOLVERINE WORLD WIDE	www
WOODWARD INC	WWD

Company	Ticker
WESCO INTERNATIONAL INC	wcc
WEST BANCORPORATION INC	WTBA
WEST CORP	WSTC
WEST MARINE INC	WMAR
WEST PHARMACEUTICAL SVCS	WST
WESTAMERICA BANCORP	WABC
WESTAR ENERGY INC	WR
WESTERN ALLIANCE BANCORP	WAL
WESTERN ASSET MTG CAP	WMC
WESTERN DIGITAL CORP	WDC
WESTERN REFINING INC	WNR
WESTERN UNION CO	WU
WESTFIELD FINANCIAL INC	WFD
WESTLAKE CHEMICAL CORP	WLK
WESTMORELAND COAL CO	WLB
WESTROCK CO	WRK
WESTWOOD HOLDINGS GROUP	WHG
WEX INC	WEX
WEYCO GROUP INC	WEYS
WEYERHAEUSER CO	WY
WGL HOLDINGS INC	WGL
WHIRLPOOL CORP	WHR
WHITE MTNS INS GROUP LTD	WTM
WHITESTONE REIT	WSR
WHITEWAVE FOODS COMPANY	WWAV
WHITING PETROLEUM CORP	WLL
YORK WATER COMPANY	YORW
YOUR CMNTY BANKSHARES	YCB
YRC WORLDWIDE INC	YRCW
YUM! BRANDS INC	YUM
ZAFGEN INC	ZFGN
ZAGG INC	ZAGG
ZAYO GROUP HOLDINGS INC	ZAYO
ZEBRA TECHNOLOGIES CORP	ZBRA
ZELTIQ AESTHETICS INC	ZLTQ
ZENDESK INC	ZEN
ZILLOW GROUP INC CLASS A	ZG
ZILLOW GROUP INC CLASS C	Z
ZIMMER BIOMET HOLDINGS	ZBH
ZIONS BANCORPORATION	ZION
ZIONS BANCOKPOKATION ZIOPHARM ONCOLOGY INC	ZIOP
ZIX CORP	ZIXI
ZOES KITCHEN INC	ZOES
ZOETIS INC	ZTS
ZOGENIX INC	ZGNX
ZUMIEZ INC	
	ZUMZ
ZYNGA INC	ZNGA



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Company	Ticker
WORKDAY INC	WDAY
WORKHORSE GROUP INC	WKHS
WORKIVA INC	WK
WORLD ACCEPTANCE CORP	WRLD
WORLD FUEL SVCS CORP	INT
WORLD WRESTLING ENTMNT	WWE
WORTHINGTON INDUSTRIES	WOR
WP GLIMCHER INC	WPG
WPX ENERGY INC	WPX
WRIGHT MEDICAL GROUP N V	WMGI
WSFS FINANCIAL CORP	WSFS
WYNDHAM WORLDWIDE CORP	WYN
WYNN RESORTS LTD	WYNN
XACTLY CORP	XTLY
XBIOTECH INC	XBIT
XCEL ENERGY INC	XEL
XCERRA CORPORATION	XCRA
XENCOR INC	XNCR
XENIA HOTELS & RESORTS	XHR
XENOPORT INC	XNPT
XEROX CORP	XRX
XILINX INC	XLNX
XL GROUP PLC	XL
XO GROUP INC	хохо
XPO LOGISTICS INC	ХРО
XURA INC	MESG
XYLEM INC	XYL
YADKIN FINANCIAL CORP	YDKN
YAHOO INC	YHOO
YELP INC	YELP

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